SOUTH AFRICAN
TRANSPORT SERVICES

SUID-AFRIKAANSE
VERVOERDIENSTE

INDEX AND DIAGRAMS

INDEKS EN DIAGRAMME

PART II

DEEL II

TANK WAGONS

TENKTROKKE

1 065 GAUGE
SPOORWYDTE

FOR GOODS VEHICLES SEE PART I
FOR N AND V TYPE WAGONS SEE PART III
(NON REVENUE EARNING)

VIR GOEDEREVOERTUIE KYK DEEL I
VIR N- EN V- TIPE TROKKE KYK DEEL III
(NIE-INKOMSTEDRAEND)

CHIEF MECHANICAL ENGINEER'S OFFICE
MEGANIESE HOOFINGENIEUR SE KANTOOR

PRETORIA

ISSUED
UITGEREIK 1985-04-01

REFERENCE
VERWYSING CXG 6/4/2/3

SOUTH AFRICAN TRANSPORT SERVICES
SUID-AFRIKAANSE VERVOERDIENSTE

INDEX AND DIAGRAMS
PART II
TANK WAGONS

INDEKS EN DIAGRAMME
DEEL II
TENKTROKKE

1065 GAUGE
SPOORWYDTE

FIRST METRICATED EDITION 1971
SECOND EDITION 1985

EERSTE GEMETRISEERDE UITGAWE 1971
TWEEDE UITGAWE 1985

COMPILED, SOLD AND DISTRIBUTED BY
CHIEF MECHANICAL ENGINEER
SOUTH AFRICAN TRANSPORT SERVICES
P.O. BOX 1006
PRETORIA 0001

OPGESTEL, VERKOOP EN VERSPREI DEUR
MEGANIESE HOOFINGENIEUR
SUID-AFRIKAANSE VERVOERDIENSTE
POSBUS 1006
PRETORIA 0001

REFERENCE : CXG 6/4/2/3

VERWYSING : CXG 6/4/2/3

DATE : 1 APRIL 1985

DATUM : 1 APRIL 1985

TELEPHONE : 294-3236

TELEFOON : 294-3236

COPYRIGHT : COPYING OR REPRINTING
ALLOWED FOR DEPARTMENTAL PURPOSES ONLY

KOPIEREGVERKLARING : KOPIËRING OF
HERDRUK TOEGELAAT SLEGS VIR DEPARTE-
MENTELE DOELEINDES

ISBN 1-86805-006-8

NOTICE TO STAFF

1. Alterations to this book will be published periodically in the Summary of Alterations. Amendments, new and reprinted pages are issued to Heads of Departments concerned.
2. Staff concerned are responsible for keeping their copies of this book up to date.
3. The Chief Mechanical Engineer should be notified of any discrepancies.
4. Officers should apply to their respective Heads of Departments for amendments, new and reprinted pages for this book.

KENNISGEWING AAN PERSONEEL

1. Veranderings aan hierdie boek sal van tyd tot tyd in die Opsomming van Veranderings verskyn. Wysigings, nuwe en herdrukte bladsye sal aan die betrokke Departementshoofde uitgereik word.
2. Die betrokke personeel is verantwoordelik om die eksemplare in hul besit bygewerk te hou.
3. Teenstrydighede moet onder die aandag van die Meganiese Hoofingenieur gebring word.
4. Amptenare moet by hulle onderskeie Departementshoofde aansoek doen vir wysigings, nuwe en herdrukte bladsye vir hierdie boek.

STANDARD DATA APPLICABLE TO WAGON STOCK UNLESS STATED OTHERWISE

Coupler Height:-	895 ±6
Wheel Diameter:-	Ø863 ± 5
Vacuum:-	54 Kilopascal in cylinder.
Air:-	345 Kilopascal in cylinder.

BRAKE SYSTEM

Brake percentages for wagons fitted with dual brake system are given with change-over lever in the empty and loaded positions respectively.

The symbol against the brake system denotes:-

V-Vacuum, L-Air, D-Dual Power Manually operated, A-Dual Power Automatically operated, R-Slack Adjuster.

DRAWGEAR EQUIPMENT

The symbol against the drawgear equipment denotes:-

KK Coupler hydraulic cushioning device.
SSC Centre sill hydraulic cushioning device.

WAGON CODE

D	In position 2, 3 or 4 denotes:-	Dual Power Vacuum Brake.
E	In position 2 denotes:-	Short Wagons.
L	In position 2, 3 or 4 denotes:-	Air Brake.
R	In position 2, 3 or 4 denotes:-	Dual Power Air Brake.
V	In position 3 or 4 denotes:-	Vacuum Brake.
J	In position 2, 3 or 4 denotes:-	Vacuum Brake System and Rejection Lugs on Brake Shoes.

STANDAARDDATA VAN TOEPASSING OP TROKKE BEHALWE WAAR ANDERS GEMELD

Koppelaarhoogte:-	895 ±6
Wieldiameter:-	Ø863 ±5
Vakuum:-	54 Kilopascal in silinder.
Druklug:-	345 Kilopascal in silinder.

REMSTELSEL

Rempersentasies vir trokke met tweekragremstelsel word aangedui met die oorskakelhefboom onderskeidelik in leeg en gelaaide stand.

Die simbool teenoor die remstelsel dui aan:-

V-Vakuum, L-Lug, D-Tweekrag Handbediening, A-Tweekrag Outomatiesebedien ing, R-Remversteller.

TREKWERKUITRUSTING

Die simbool teenoor die trekwerkuitrusting dui aan:-

KK Koppelaar hidrouliese kussinginrigting.
SSC Middelbalk hidrouliese kussinginrigting.

TROKKODE

D	In posisie 2, 3 of 4 dui aan:-	Tweekragvakuumrem.
E	In posisie 2 dui aan:-	Korttrokke.
L	In posisie 2, 3 of 4 dui aan:-	Druklugrem.
R	In posisie 2, 3 of 4 dui aan:-	Tweekragdruklugrem.
V	In posisie 3 of 4 dui aan:-	Vakuumrem.
J	In posisie 2, 3 of 4 dui aan:-	Vakuumremstelsel en Uitskotore op Remskoene.

HERSIENING REVISION																	VERWYSING REFERENCE : 6/4/2/3
DATUM DATE																	

1.C

KLASSIFIKASIE - CLASSIFICATION

VOERTUIGNOMMERS VEHICLE NUMBERS	BESKRYWING DESCRIPTION	TIPE TYPE
18-010 008/18-499 996	Massasementtenktrokke. Bulk Cement Tank Wagons	XB; XBJ, XBLJ
18-500 005/18-799 981		
18-800 009/18-899 994	Massa-aldoeltenktrokke. Bulk General Purpose Tank Wagons	XXG
18-900 003/18-999 999		
30-010 004/30-499 992	Aldoeltenktrokke. General Purpose Tank Wagons	X; XJ; XLJ
30-500 001/30-999 995		
31-010 008/31-499 996	Ammoniakvloeistoftenktrokke. Ammonia Liquor Tank Wagons	XA; XAJ; XALJ
31-500 005/31-999 999		
32-010 001/32-499 981	Kreosoottenktrokke. Creosote Tank Wagons	XC; XCJ; XCLJ
32-500 009/32-999 992		
33-010 005/33-999 996	Korttenktrokke. Short Tank Wagons	XE
34-010 009/34-599 991	Fosforsuurtenktrokke. Phosphoric Acid Tank Wagons	XF; XFD; XFJ; XFLJ
34-600 000/34-999 981	Fosforsuurtenktrokke. Phosphoric Acid Tank Wagons	XFL
35-010 002/35-999 993	Diverse Tenktrokke. Miscellaneous Tank Wagons	XM; XMD; XMJ; XMLJ
36-010 006/36-499 994	Watervryammoniaktenktrokke. Anhydrous Ammonia Tank Wagons	XN; XNJ; XNLJ
36-500 003/36-999 999		
37-010 018/37-499 998	Brandolietenktrokke. Heavy Furnace Oil Tank Wagons	XO; XOJ; XOLJ
37-500 007/37-999 990		
38-013 002/38-999 994	Petroltenktrokke. Petrol Tank Wagons	XP; XPD; XPJ; XPLJ

HERSIENING REVISION																VERWYSING REFERENCE : 6/4/2/3
DATUM DATE																BLADSY PAGE 1

KLASSIFIKASIE - CLASSIFICATION

VOERTUIGNOMMERS VEHICLE NUMBERS	BESKRYWING DESCRIPTION	TIPE TYPE
39-010 007/39-499 995	Strooptenktrokke. Treacle Tank Wagons	XQ; XQJ; XQLJ
39-500 004/39-999 998		
40-010 007/40-499 955	Aldoelvlekvrystaaltenktrokke. General Purpose Stainless Steel Tank Wagons	XX; XXJ; XXLJ
40-500 004/40-999 998		
41-010 000/41-999 991		
42-010 004/42-999 995		
43-011 004/43-999 999	Swawelsuurtenktrokke. Sulphuric Acid Tank Wagons	XS; XSD; XSJ; XSLJ
44-010 001/44-499 981	Teertenktrokke. Tar Tank Wagons	XT; XTJ; XTLJ
44-500 009/44-999 992		
45-010 005/45 999 996		
46-010 009/46-499 997	Vloeipetroleumgastenktrokke. Liquefied Petroleum Gas Tank Wagons	XV; XVJ; XVLJ
46-500 006/46-999 981		
47-010 002/47-499 990	Dranktenktrokke. Liquor Tank Wagons	XW; XWJ; XWLJ
47-500 018/47-999 993	Eetbareolietenktrokke Edible Oil Tank Wagons	XYJ; XYLJ
48-011 002/48-499 993	Bytsodatenktrokke. Caustic Soda Tank Wagons	XZ; XZJ; XZLJ, XZA, XZAJ.
48-500 003/48-999 997		
49-010 018/49-019 996		
49-020 005/49-059 998	Diverse tenktrokke. Miscellaneous Tank Wagons	WM; WMJ; WMLJ
49-060 007/49-069 993	Petroleumproduktetenktrokke. Petroleum Products Tank Wagons	WP; WPJ; WPLJ

HERSIENING REVISION	1	2														VERWYSING REFERENCE : 6/4/2/3
DATUM DATE	86/4/30	87/1/31														BLADSY PAGE : 2

1.2

KLASSIFIKASIE - CLASSIFICATION

VOERTUIGNOMMERS VEHICLE NUMBERS	BESKRYWING DESCRIPTION	TIPE TYPE
49-070 002/49-129 996	Dranktenktrokke. Liquor Tank Wagons	WW; WWJ; WWLJ
49-180 002/49-999 990		
96-010 002	Petroltenktrok (Bata van Noordwes - Kaapstreek) Petrol Tank Wagon (Asset of North-West Cape Region	XPL-20

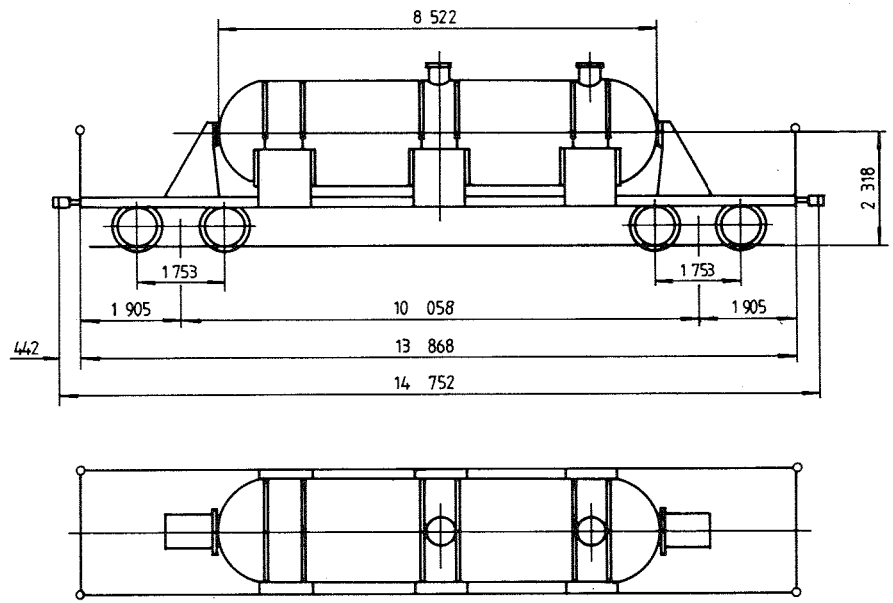
HERSIENING REVISION																	VERWYSING : 6/4/2/3 REFERENCE
DATUM DATE																	BLADSY : 3 PAGE

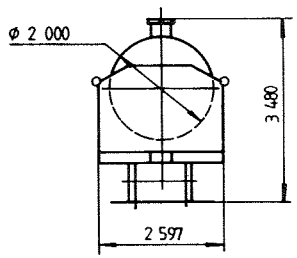
2

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

XXM-1

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller





Remarks : TANK PROPERTY OF
Opmerkings : TENK EIENDOM VAN HOLLAND ELECTRO CHEMICAL INDUSTRIES

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
49 - 020 005	1937

Converted from / Omskep van	Date / Datum
DZ - 7	1953

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	DNR.737/11 - 000		Centre of Gravity (Empty) / Swaartepunt (Leeg)		Capacity (full) / Inhoudsvermoë (vol)	l	24 640	Tare (Average) / Tarra (Gemiddeld)	kg 24 520
Bogie Type / Draaisteltipe	DIAMOND FRAME RUITRAAM				Contents / Inhoud			Capacity / Inhoudsvermoë l	Mass / Massa kg
Bearing Size / Laergrootte	10 x 5				VINYL ACETATE MONOMER / VINIELASETAATMONOMEER			23 640	22 090
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	8/0		Tank Material / Tenkmateriaal	ALUMINIUM					
Brake System / Remstelsel	V		Tank Lining / Tenkvoering						
Brake Cylinders / Remsilinders	(V) 2 / 21	(L)	Design Limit - Mass on Rail / Ontwerplimiet - Massa op Spoor kg	60 000					
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (50)	(L)	Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE					
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 70,6 / 37,1	(L)	Converted for / Omskep vir	VINYL ACETATE MONOMER / VINIELASETAATMONOMEER					
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		Revision / Hersiening						
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum						

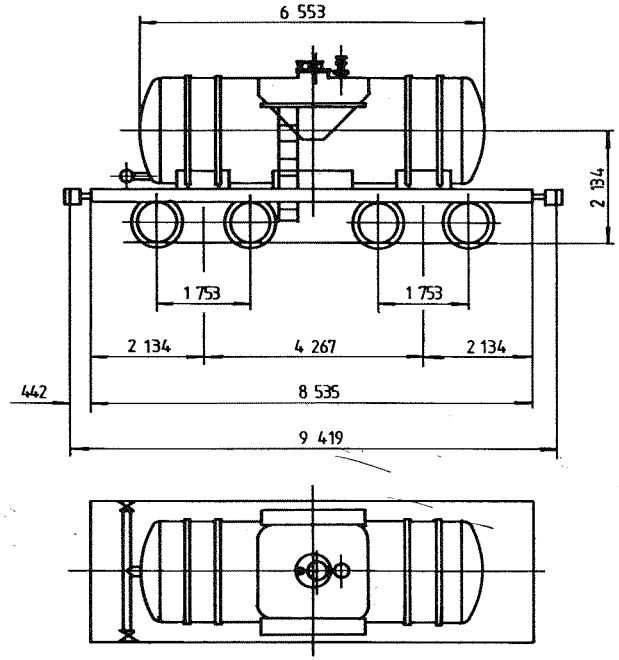
WM-1

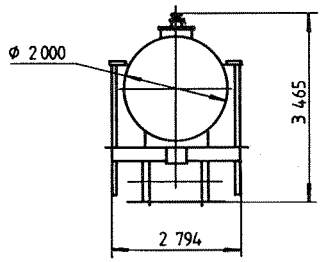
3

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

XXM-2

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller





Remarks
Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
49 - 030 000	1943
49 - 030 019	1958

Converted from / Omskep van	Date / Datum
S - 15	1955-59

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	CME 108 / 12 - A21		Centre of Gravity (Empty) / Swaartepunt (Leeg)		Capacity (full) / Inhoudsvermoë (vol) L	19 090	Tare (Average) / Tarra (Gemiddeld) kg	19 470
Bogie Type / Draaisteltipe	DIAMOND FRAME RUITRAAM				Contents / Inhoud		Capacity / Inhoudsvermoë L	Mass / Massa kg
Bearing Size / Laergrootte	10 x 5				SODIUM HYPOCHLORITE LIQUOR / NATRIUMHIPOCHLORIETVLOEISTOF	18 370		22 960
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	8 / 0		Tank Material / Tenkmateriaal	SPEC. CME 9, SYM. 8 / SPES. SIM.				
Brake System / Remstelsel	V		Tank Lining / Tenkvoering	RUBBER				
Brake Cylinders / Remsilinders	(V) 1/21	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor					
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (50)	(L)	Originally designed for / Oorspronklik ontwerp vir	ABNORMAL LOADS / ABNORMALE VRAGTE				
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 69,5 / 31,9	(L)	Converted for / Omskep vir	SODIUM HYPOCHLORITE LIQUOR / NATRIUMHIPOCHLORIETVLOEISTOF				
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening					
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum					

WM-2

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

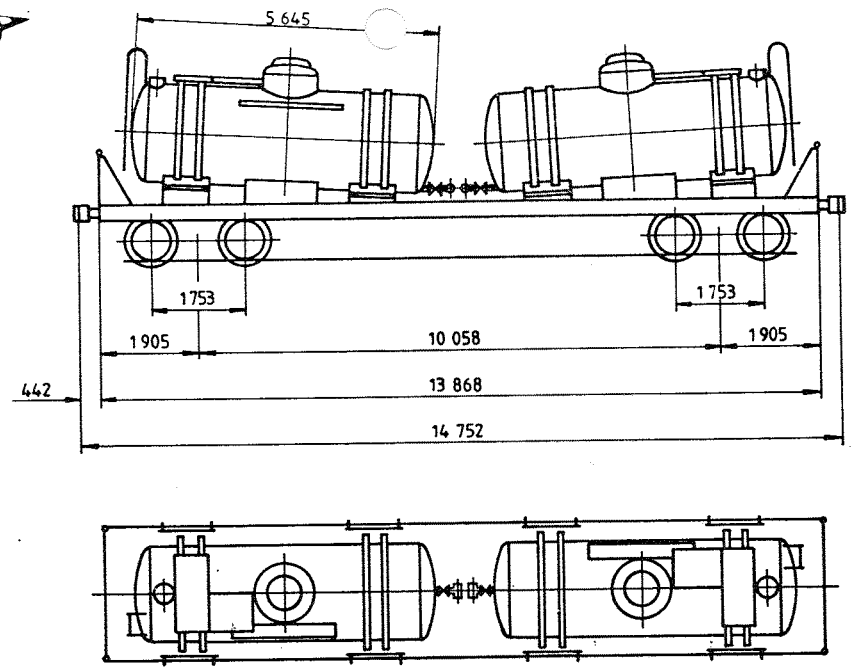
Brake System - Remstelsel

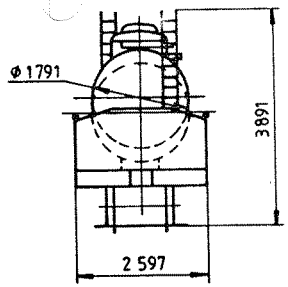
A Dual Power - Automatic
Tweekrag - Outomaties
Slack Adjuster
R Remversteller

V Vacuum
Vakuum
Air
L Lug

D Dual Power - Manually operated
Tweekrag - Handbediening

WP-1





Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
49 - 060 007 / 49 - 060 279	1940 - 67

Converted from Omskep van	Date Datum
DZ-7 *1	1968

Remarks
Opmerkings :-

For actual loads, capacities and ullages see drawing number CME 240/12 - A99
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer

Drawing Number Tekeningnommer	
Bogie Type Draaisteltipe	SARCAST
Bearing Size Laergrootte	10×5
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	6 / 0
Brake System Remstelsel	V
Brake Cylinders Remsilinders	(V) 2 / 21 (L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50) (L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 70,8 / 28,9 (L)
Drawgear Equipment Trekwerkuitrusting	AAR M901 E
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR - SAS

Centre of Gravity (Empty) Swaartepunt (Leeg)						
Tank Material Tenkmateriaal	SPEC. CME 9, SYM. 8 SPES. SIM.					
Tank Lining Tenkvoering						
Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor	60 000					
Originally designed for Oorspronklik ontwerp vir	GENERAL GOODS *1 ALGEMENE GOEDERE					
Converted for Omskep vir	LIQUID FERTILIZER VLOEIBARE KUNSMIS					
Revision Hersiening	1					
Date Datum	88-06-15					

Capacity (full) Inhoudsvermoë (vol) l	Tare (Average) kg Tarra (Gemiddeld)	24 450
Contents Inhoud	Capacity Inhoudsvermoë l	Mass Massa kg
LIQUID FERTILIZER VLOEIBARE KUNSMIS	28 230	35 500

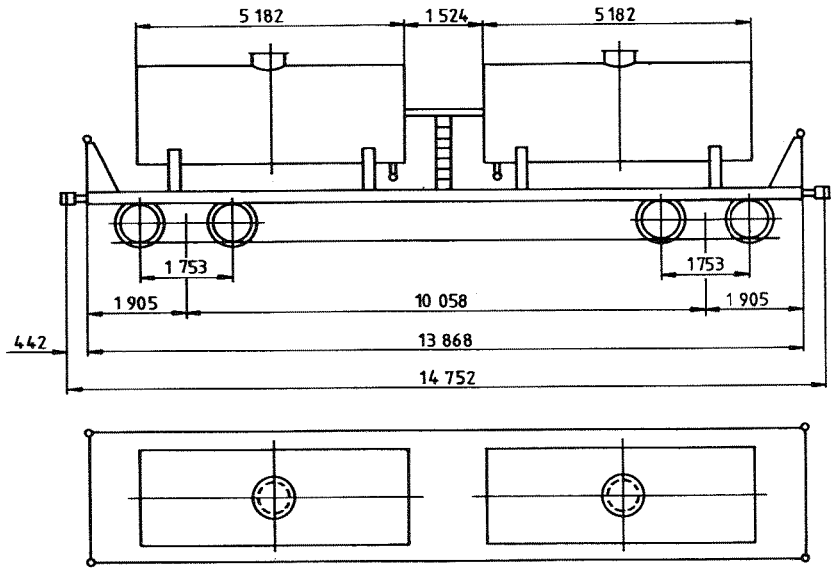
WP - 1

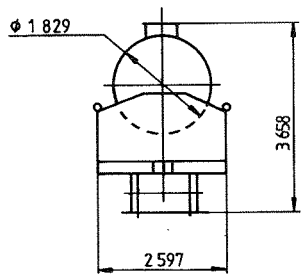
5

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

XXD-3

Brake System - Remstelsel
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remverateller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening





Remarks / Opmerkings :- TANKS PROPERTY OF STELLENBOSCH FARMERS' WINERY LTD
TENKE EIENDOM VAN BPK

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
49-090 003	1946
49-090 011	1957

Converted from / Omskep van	Date / Datum
DZ-7	1961

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12-A99

Drawing Number / Tekeningnommer		
Bogie Type / Draaisteltipe	DIAM.FRAME RUITRAAM	SARCAST
Bearing Size / Laergrootte	10×5	10×5
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	8/0	6/0
Brake System / Remstelsel	V	
Brake Cylinders / Remsilinders	(V) 2/21	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (50)	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 79/39,8	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SA[illegible]-S / SAR-SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)			Capacity (full) / Inhoudsvermoë (vol) l		Tare (Average) / Tarra (Gemiddeld) kg	21 940
			Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
			LIQUOR / DRANK		20 060	21 560
Tank Material / Tenkmateriaal						
Tank Lining / Tenkvoering						
Design Limit-Mass on Rail kg / Ontwerplimiet-Massa op Spoor	60 000					
Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE					
Converted for / Omskep vir	LIQUOR / DRANK					
Revision / Hersiening						
Date / Datum						

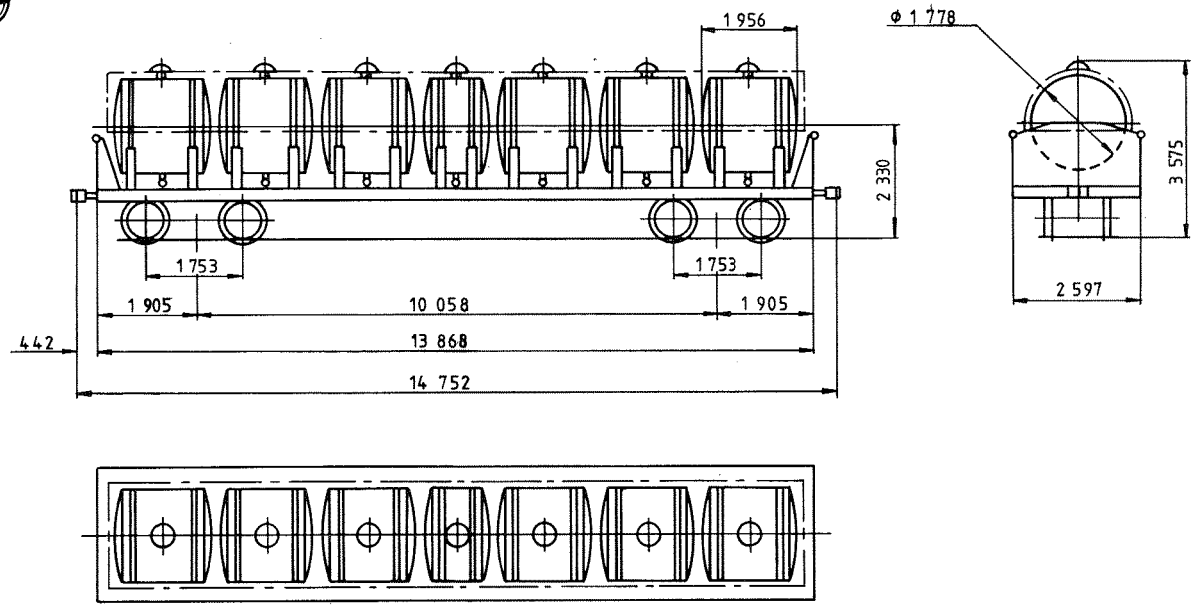
WW-3

6

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

XXD - 6



Remarks / Opmerkings :- TANKS PROPERTY OF MONIS WINERIES LTD
TENKE EIENDOM VAN BPK

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
49-120 026	1955

Converted from / Omskep van	Date / Datum
DZ - 7	1965

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	VOIGT ENG. 233 MONIS G.693		Centre of Gravity (Empty) / Swaartepunt (Leeg)		Capacity (full) / Inhoudsvermoë(vol) l		Tare (Average) / Tarra(Gemiddeld) kg	24 200
Bogie Type / Draaisteltipe	SARCAST				Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
Bearing Size / Laergrootte	10x5				LIQUOR / DRANK		29 940	32 140
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6 / 0		Tank Material / Tenkmateriaal	STAINLESS STEEL / VLEKVRY STAAL				
Brake System / Remstelsel	V		Tank Lining / Tenkvoering					
Brake Cylinders / Remsilinders	(V) 2/21	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000				
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (50)	(L)	Originally designed for / Oorspronklik ontwerp vir	GENERAL GOODS / ALGEMENE GOEDERE				
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 71,6/30,7	(L)	Converted for / Omskep vir	LIQUOR / DRANK				
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening					
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR-SAS		Date / Datum					

WW-6

7

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

V Vacuum
Vakuum

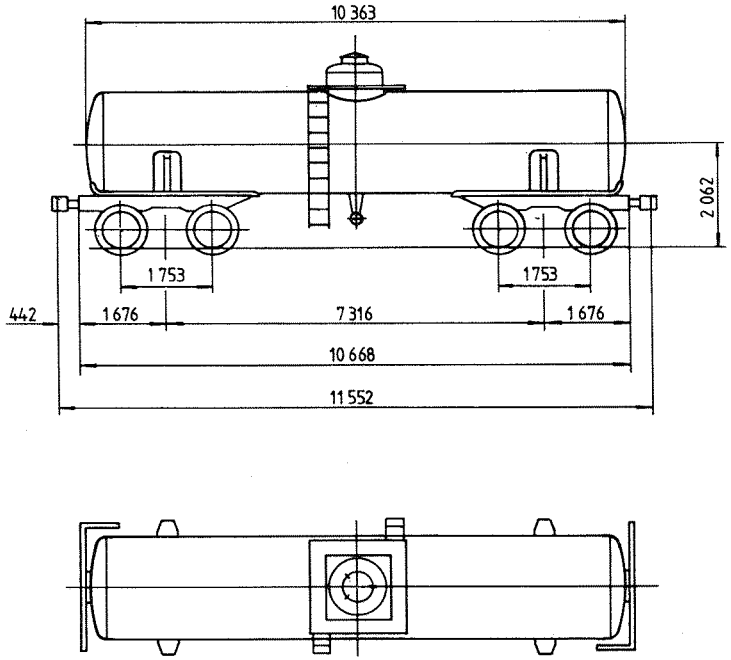
L Air
Lug

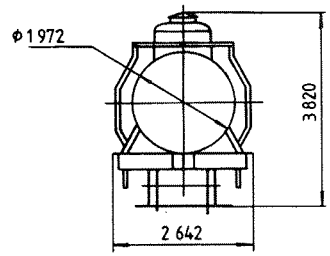
D Dual Power - Manually operated
Tweekrag - Handbediening

A Dual Power - Automatic
Tweekrag - Outomaties

R Slack Adjuster
Remverstelter

X-1





Remarks
Opmerkings :-

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
30 - 010 004 / 30 - 011 094	1969

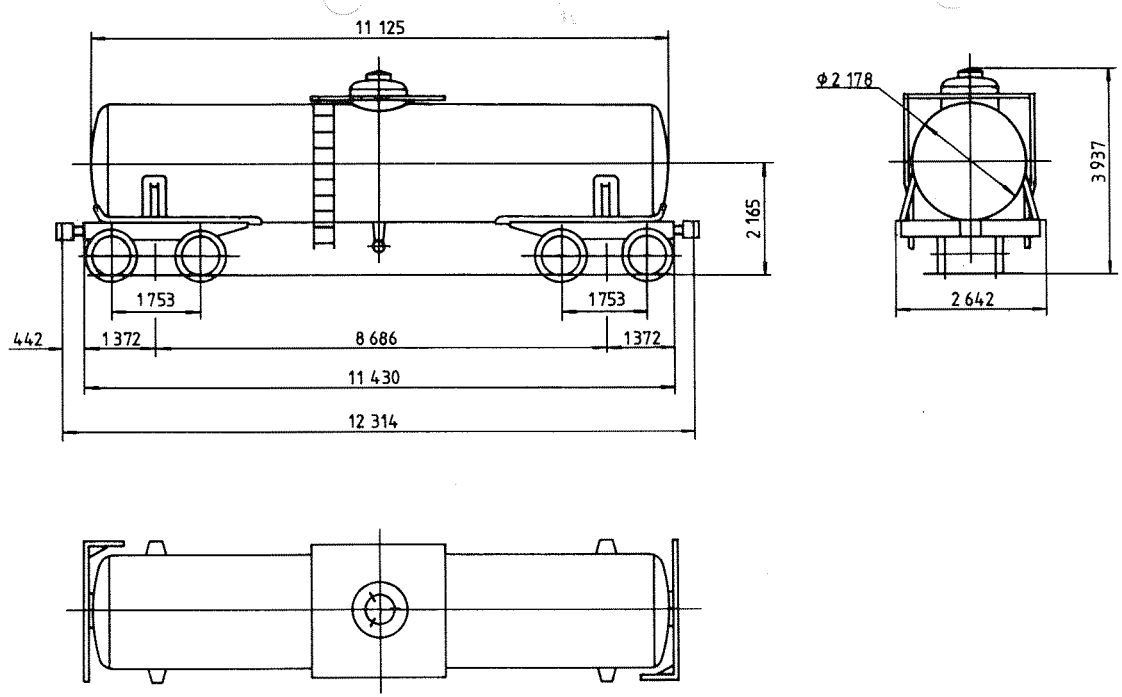
Converted from Omskep van	Date Datum

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number Tekeningnommer	W. 1 / 20062
Bogie Type Draaisteltipe	SPOORBARBER
Bearing Size Laergrootte	C
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	10 / 4
Brake System Remstelsel	V
Brake Cylinders Remsilinders	(V) 2 / 18 (L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 95 / 35,7 (L)
Drawgear Equipment Trekwerkuitrusting	AAR M901 E
Coupler / Yoke Koppelaar / Juk	SAS[illegible]P-S /SAR-SAS

Centre of Gravity (Empty) Swaartepunt (Leeg)		1 111		Capacity (full) Inhoudsvermoë (vol) L	30 870	Tare (Average) Tarra (Gemiddeld) kg	18 640
				Contents Inhoud		Capacity Inhoudsvermoë L	Mass Massa kg
				WATER		30 870	30 870
Tank Material Tenkmateriaal		SPEC. CME 9, SYM. 8 SPES. SIM.		OIL OLIE		30 870	29 330
Tank Lining Tenkvoering							
Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor		60 000					
Originally designed for Oorspronklik ontwerp vir		WATER TREACLE OIL STROOP OLIE					
Converted for Omskep vir							
Revision Hersiening							
Date Datum							

X-1



Remarks
Opmerkings :-

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
30 - 012 007 / 30 - 013 534	1969

Converted from Omskep van	Date Datum

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number Tekeningnommer	W 1 / 20094	
Bogie Type Draaisteltipe	SPOORBARBER	
Bearing Size Laergrootte	C	
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	10/4	
Brake System Remstelsel	V	
Brake Cylinders Remsilinders	(V) 2/18	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 92,6/30,8	(L)
Drawgear Equipment Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke Koppelaar / Juk	SASKOP-S / SAR-SAS	

Centre of Gravity (Empty) Swaartepunt (Leeg)	1 268					
Tank Material Tenkmateriaal	SPEC. CME 9, SYM. 8 SPES. SIM.					
Tank Lining Tenkvoering						
Design Limit-Mass on Rail kg Ontwerplimiet-Massa op Spoor	60 000					
Originally designed for Oorspronklik ontwerp vir	WATER OIL OLIE					
Converted for Omskep vir						
Revision Hersiening						
Date Datum						

Capacity (full) Inhoudsvermoë (vol) L	40 670	Tare (Average) Tarra (Gemiddeld) kg	19 730
Contents Inhoud		Capacity Inhoudsvermoë L	Mass Massa kg
WATER		39 520	39 520
OIL OLIE		38 690	36 750

X-2

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

X-2

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated
Tweekrag - Handbediening
A Dual Power - Automatic
Tweekrag - Outomaties
R Slack Adjuster
Remversteller

9

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

V Vacuum / Vakuum

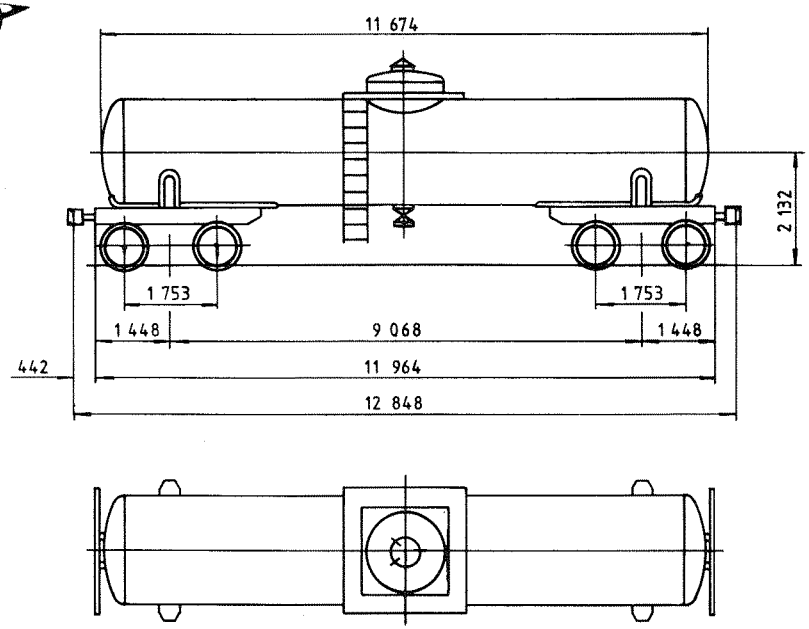
L Air / Lug

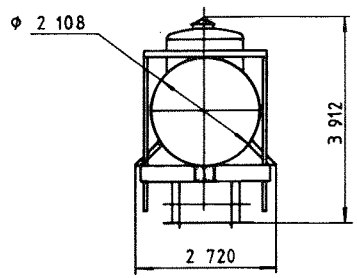
D Dual Power - Manually operated / Tweekrag - Handbediening

A Dual Power - Automatic / Tweekrag - Outomaties

R Slack Adjuster / Remversteller

X-3





Remarks
Opmerkings :-

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
30 - 039 045 / 30 - 041 198	1971
30 - 043 018 / 30 - 043 263	1971

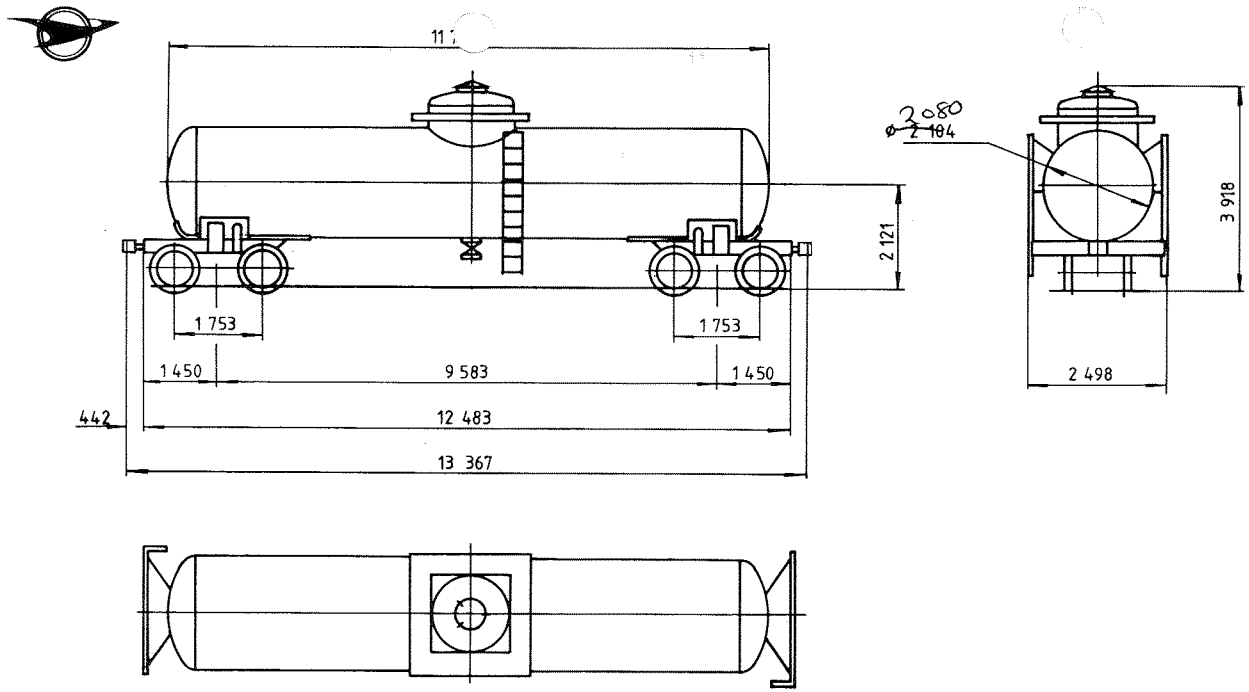
Converted from / Omskep van	Date / Datum
● XC - 6	1983- 87

Drawing Number / Tekeningnommer	W.001 / V001 ● W001 / V002		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1220		Capacity (full) / Inhoudsvermoë (vol)	l 40 080	Tare (Average) / Tarra (Gemiddeld)	kg 21 040
Bogie Type / Draaisteltipe	SPOORBARBER					Contents / Inhoud		Capacity / Inhoudsvermoë	l Mass / Massa kg
Bearing Size / Laergrootte	C					WATER		38 830	38 830
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/4		Tank Material / Tenkmateriaal	ASTM A 515 GR 65		OIL / OLIE		40 080	30 080
Brake System / Remstelsel	V/R		Tank Lining / Tenkvoering			DIESEL OIL / DIESELOLIE ●		40 110	33 690
Brake Cylinders / Remsilinders	(V) 2/18	(L)	Design Limit - Mass on Rail / Ontwerplimiet - Massa op Spoor kg	60 000					
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	WATER OIL / OLIE					
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 83,4 / 29,3	(L)	Converted for / Omskep vir						
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening	1		X-3			
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum	87/12/31					

10

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller



Remarks
Opmerkings :

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
651	
30-041 ~~201~~ / 30-042 283	1979-80

Converted from / Omskep van	Date / Datum

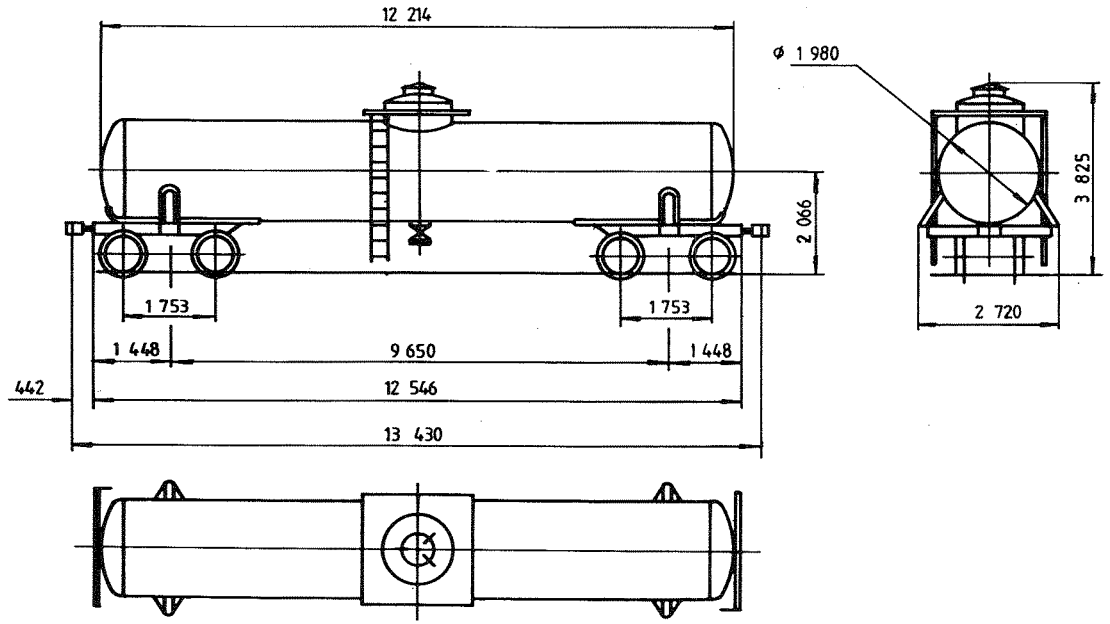
For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12-A99

Drawing Number / Tekeningnommer	W001/F025		Centre of Gravity (Empty) / Swaartepunt (Leeg)		Capacity (full) / Inhoudsvermoë (vol)	38 890	Tare (Average) / Tarra (Gemiddeld) kg	22 020
Bogie Type / Draaisteltipe	H.S. MK. III				Contents / Inhoud		Capacity / Inhoudsvermoë	Mass / Massa kg
Bearing Size / Laergrootte	D				DIESEL OIL / DIESELOLIE		38 890	37 980 MAX / MAKS
Springs per Bogie / Vere per Draaistel — Outer / Buite — Inner / Binne	10/4		Tank Material / Tenkmateriaal	SPEC / SPES CME 9 SYM / SIM 8				
Brake System / Remstelsel	V/R		Tank Lining / Tenkvoering					
Brake Cylinders / Remsilinders	(V) 2/18	(L)	Design Limit-Mass on Rail kg / Ontwerplimiet-Massa op Spoor	60 000				
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	WATER / OIL OLIE				
Brake Percentage — Empty / Loaded / Leeg / Met Vrag / Rempersentasie	(V) 78,1 / 28,7	(L)	Converted for / Omskep vir					
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening	1	2			
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR-SAS		Date / Datum	86/12/19	87/7/31			

X-4

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller



Remarks
Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
30-040 006 / 30-044 278	1972

Converted from / Omskep van	Date / Datum
XC - 7	1983-

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12-A99

Drawing Number / Tekeninggommer	W.001 / V005		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 107	Capacity (full) / Inhoudsvermoë (vol) l	36 980	Tare (Average) / Tarra (Gemiddeld) kg	20 700
Bogie Type / Draaisteltipe	SPOORBARBER				Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
Bearing Size / Laergrootte	C				DIESEL OIL / DIESELOLIE		36 980	31 060
Springs per Bogie / Vere per Draaistel — Outer / Inner / Buite / Binne	10/4		Tank Material / Tenkmateriaal	B S 1501-151 GR 28 A				
Brake System / Remstelsel	V / R		Tank Lining / Tenkvoering					
Brake Cylinders / Remsilinders	(V) 2/18	(L)	Design Limit-Mass on Rail / Ontwerplimiet-Massa op Spoor kg	60 000				
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	CREOSOTE / KREOSOOT				
Brake Percentage — Empty / Loaded / Leeg / Met Vrag / Rempersentasie	(V) 89,6/35,8	(L)	Converted for / Omskep vir					
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 - E		Revision / Hersiening	1				
Coupler / Yoke / Koppelaar / Juk	SASKop - S / SAR - SAS		Date / Datum	86/4/30				

X-5

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

A Dual Power - Automatic / Tweekrag - Outomaties

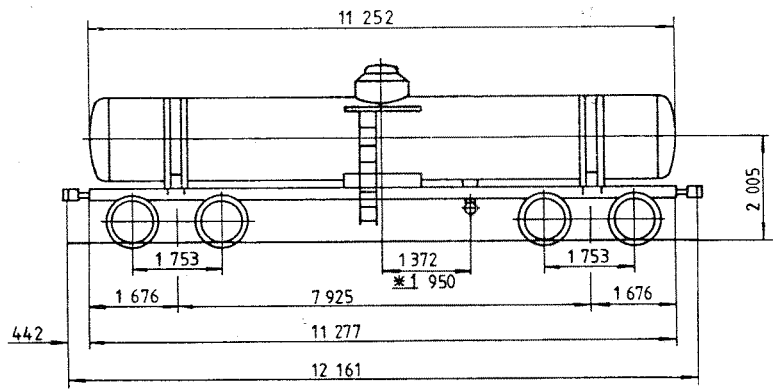
R Slack Adjuster / Remversteller

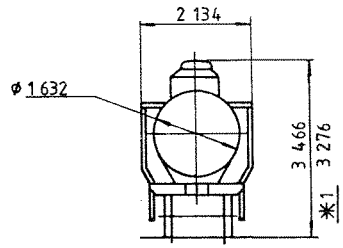
V Vacuum / Vakuum

L Air / Lug

D Dual Power - Manually operated / Tweekrag - Handbediening

X-16





✱1
✱2
✱3
✱4

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
30 - 016 002 / 30 - 017 998	1934 - 50
30 - 018 013 / 30 - 018 633	1940 - 52
30 - 018 684 / 30 - 018 722	1950
30 - 018 730 / 30 - 018 749	1939 - 50
30 - 018 641	1950

Remarks / Opmerkings : ✱1 Dome and Discharge To Drg. / Helm en Uitlaat Volgens Tek. No. CME 3249/12-000

Converted from / Omskep van			Date / Datum
✱1 XS-4	EX / OU	X-16	1961 - 82
✱2 XW-3	EX / OU	X-16	1979
✱3 XC-4	EX / OU	X-16	1984 - 86
✱4 XT-5	EX / OU	X-16	

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12-A99

Drawing Number / Tekeningnommer	W.1/9382	W.1/9842	W.1/10927
Bogie Type / Draaisteltipe	DIAM FRAME / RUITRAAM	CANCAR	SARCAST
Bearing Size / Laergrootte	11 × 5 1/2	10 × 5	11 × 5 1/2
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	4 ELLIP	8/0	6/6
Brake System / Remstelsel	V		
Brake Cylinders / Remsilinders	(V) 1/ 21	(L)	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (50)	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 84,1 / 37,1	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR-SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)						
Tank Material / Tenkmateriaal	SPEC / SPES CME 9 SYM / SIM 8					
Tank Lining / Tenkvoering						
Design Limit-Mass on Rail kg / Ontwerplimiet-Massa op Spoor						
Originally designed for / Oorspronklik ontwerp vir	WATER	TREACLE / STROOP	OIL / OLIE			
Converted for / Omskep vir						
Revision / Hersiening	1	2				
Date / Datum	86-04-30	88-06-15				

Capacity (full) / Inhoudsvermoë (vol) l	23 000	Tare (Average) / Tarra (Gemiddeld) kg	18 180
Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
WATER		23 000	23 000
DIESEL OIL / DIESELOLIE		23 000	19 320
OIL / OLIE		23 000	21 850

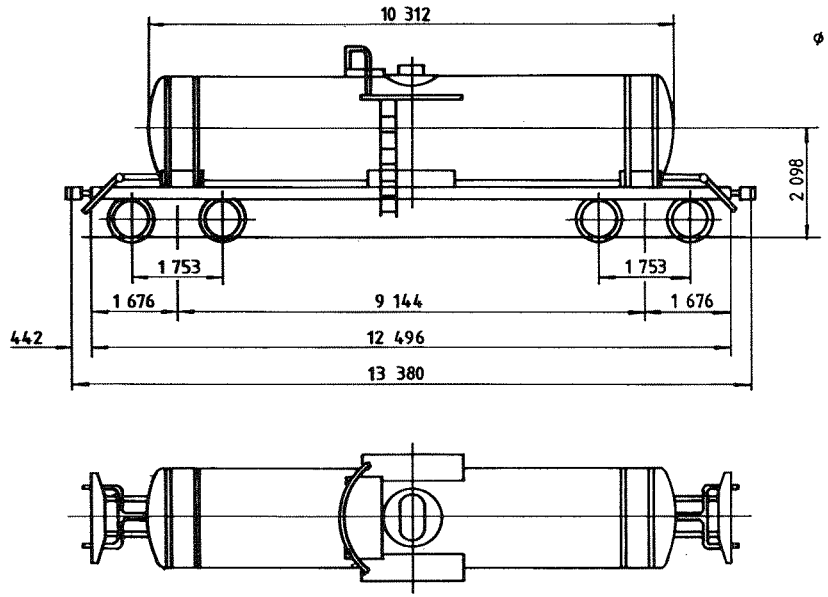
X-16

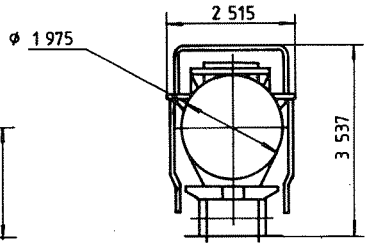
13

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulièse kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulièse kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

X - 17





Remarks
Opmerkings

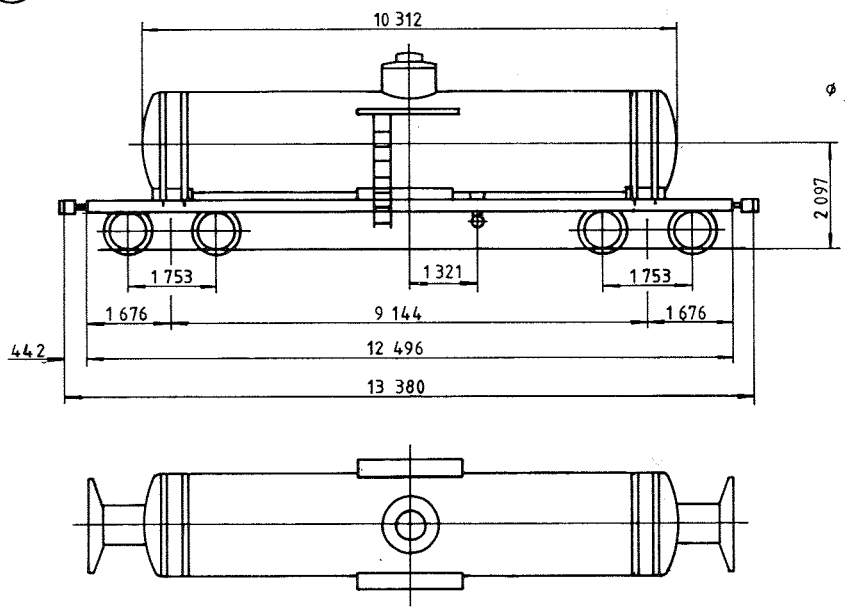
For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

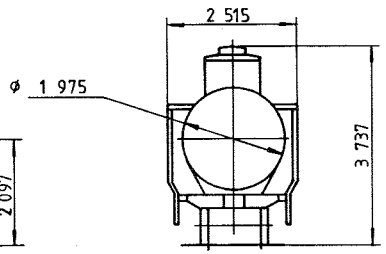
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
◓ 30 - 019 001 / 30 - 019 168	1938
◒ 30 - 019 192 / 30 - 019 710	1953

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	◓ W.1/9721 ◒ W.1/10918	Centre of Gravity (Empty) / Swaartepunt (Leeg)		Capacity (full) / Inhoudsvermoë (vol) l	30 980	Tare (Average) / Tarra (Gemiddeld) kg	19 600
Bogie Type / Draaisteltipe	◓ DIAM. FRAME RUITRAAM ◒ SARCAST			Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
Bearing Size / Laergrootte	11 × 5 1/2			WATER		30 980	30 980
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	◓ 4 ELLIP. ◒ 6/0	Tank Material / Tenkmateriaal	SPEC CME 9 SYM 8 / SPES				
Brake System / Remstelsel	V	Tank Lining / Tenkvoering					
Brake Cylinders / Remsilinders	(V) ◓ 2/15 ◒ 2/18 (L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor					
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50) (L)	Originally designed for / Oorspronklik ontwerp vir	WATER				
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) ◓ 82/31,8 ◒ 85,8/33,3 (L)	Converted for / Omskep vir					
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	Revision / Hersiening					
Coupler / Yoke / Koppelaar / Juk	S[illegible]OP - S / SAR - SAS	Date / Datum					

X - 17





Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
30 - 020 018 / 30 - 023 130	1954 - 56

Converted from Omskep van	Date Datum

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

X-18

Remarks
Opmerkings :-

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

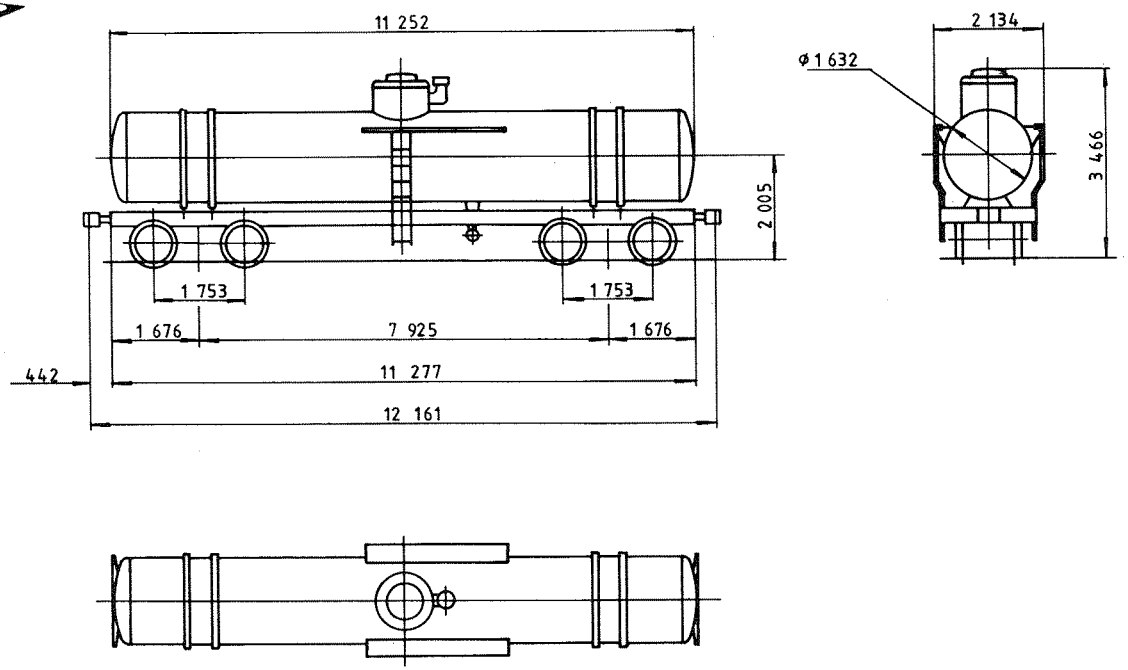
Drawing Number / Tekeningnommer	W.1/10982	
Bogie Type / Draaisteltipe	SARCAST	
Bearing Size / Laergrootte	11 x 5 1/2	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6 / 6	
Brake System / Remstelsel	V	
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50)	(L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 86,2 / 33,4	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)						
Tank Material / Tenkmateriaal			SPEC CME 9 SYM 8 SPES SIM 8			
Tank Lining / Tenkvoering						
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor						
Originally designed for / Oorspronklik ontwerp vir			WATER TREACLE OIL STROOP OLIE			
Converted for / Omskep vir						
Revision / Hersiening						
Date / Datum						

Capacity (full) / Inhoudsvermoë (vol) l	30 890	Tare (Average) / Tarra (Gemiddeld) kg	19 500
Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
WATER		30 890	30 890
OIL / OLIE		30 890	29 350

X - 18

15



Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
30 - 024 005 / 30 - 024 234	1935 - 38

Converted from Omskep van	Date Datum
XP - 6	1954 - 56

Remarks
Opmerkings :

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number Tekeningnommer	W.1/9244		Centre of Gravity (Empty) Swaartepunt (Leeg)		Capacity (full) Inhoudsvermoë (vol) L	22 860	Tare (Average) Tarra (Gemiddeld) kg	19 480
Bogie Type Draaisteltipe	DIAMOND FRAME RUITRAAM				Contents Inhoud		Capacity Inhoudsvermoë L	Mass Massa kg
Bearing Size Laergrootte	$11 \times 5\frac{1}{2}$	10×5			WATER		22 860	22 860
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	4 ELLIP		Tank Material Tenkmateriaal	SPEC CME 9 SYM 8 SPES SIM	FUEL OIL BRANDOLIE		22 860	19 890
Brake System Remstelsel	V		Tank Lining Tenkvoering					
Brake Cylinders Remsilinders	(V) 1/21	(L)	Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor					
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50)	(L)	Originally designed for Oorspronklik ontwerp vir	PETROL				
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 78,4/36,1	(L)	Converted for Omskep vir	WATER ; FUEL OIL BRANDOLIE				
Drawgear Equipment Trekwerkuitrusting	AAR M901 E		Revision Hersiening					
Coupler / Yoke Koppelaar / Juk	S OP - S / SAR - SAS		Date Datum					

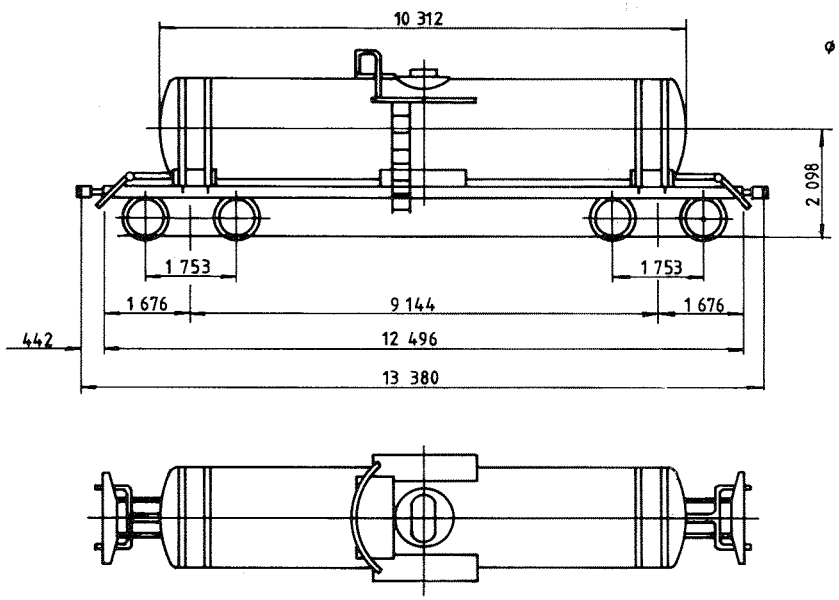
X - 19

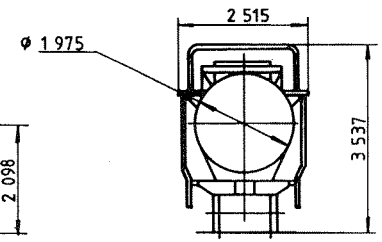
Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

X-19

Brake System - Remstelsel
A Dual Power - Automatic
Tweekrag - Outomaties
R Slack Adjuster
Remversteller
V Vacuum
Vakuum
L Air
Lug
D Dual Power - Manually operated
Tweekrag - Handbediening

16





Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
30 - 025 001 / 30 - 026 059	1956 - 58

Converted from Omskep van	Date Datum

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

X — 20

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

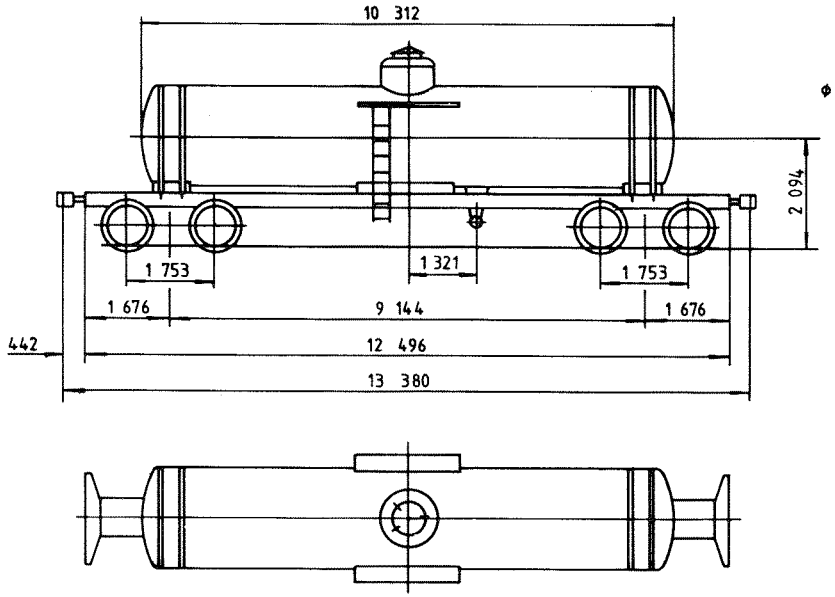
Remarks
Opmerkings :-

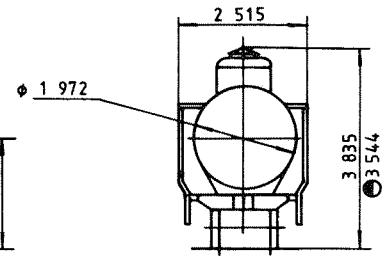
For actual loads, capacities and ullages see drawing number CME 240/12 - A99
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer

Drawing Number / Tekeningnommer	W.1/10918		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1099	Capacity (full) / Inhoudsvermoë(vol)	l 30 900	Tare (Average) / Tarra(Gemiddeld)	kg 20 370	
Bogie Type / Draaisteltipe	SARCAST				Contents / Inhoud		Capacity / Inhoudsvermoë	l	Mass / Massa kg
Bearing Size / Laergrootte	11 × 5½				WATER		30 900		30 900
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6 / 0		Tank Material / Tenkmateriaal	SPEC CME 9 SYM 8 / SPES SIM					
Brake System / Remstelsel	V		Tank Lining / Tenkvoering						
Brake Cylinders / Remsilinders	(V) 2/18	(L)	Design Limit - Mass on Rail / Ontwerplimiet - Massa op Spoor kg						
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50)	(L)	Originally designed for / Oorspronklik ontwerp vir	WATER					
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 82,5/32,8	(L)	Converted for / Omskep vir						
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		Revision / Hersiening						
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum						

X-20

17





Vehicle Numbers Voertuignummers	Placed in Service In Gebruik Geneem
30 - 027 004 / 30 - 031 303	1958 - 61
◓ 30 - 031 311 / 30 - 031 664	1959 - 61
◒ 30 - 031 710 / 30 - 031 745	1959

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

X – 21

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

Remarks / Opmerkings :- ◓ Dome and Discharge To Drg. / Helm en Uitlaat Volgens Tek. Nº CME 3249/12-000

Converted from Omskep van	Date Datum
◓ XS – 5	1982-
◒ XC – 5	1984-

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

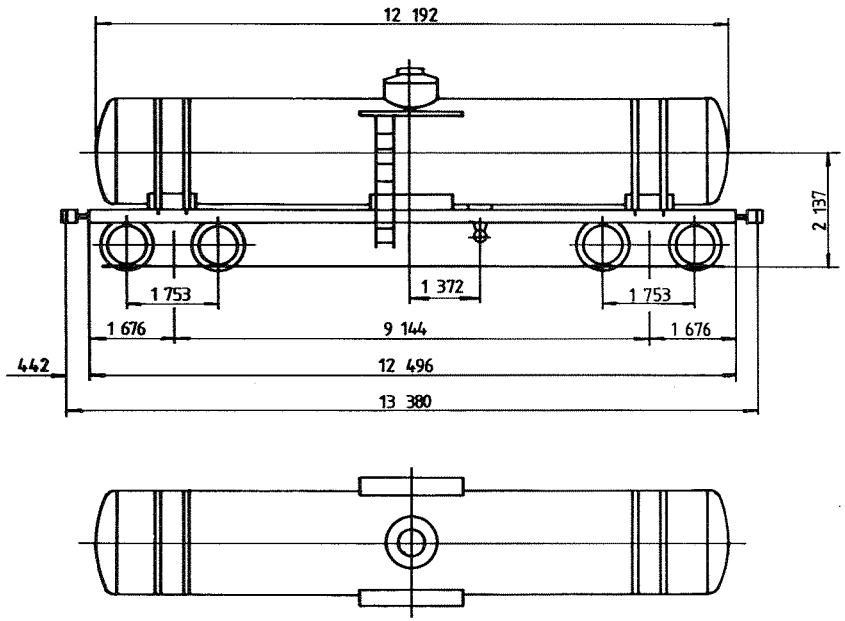
Drawing Number Tekeningnommer	CME. 115 / 12 - A 21		Centre of Gravity (Empty) Swaartepunt (Leeg)	1 051	Capacity (full) Inhoudsvermoë (vol) L	30 910	Tare (Average) Tarra (Gemiddeld) kg	19 730
Bogie Type Draaisteltipe	SARCAST				Contents Inhoud		Capacity Inhoudsvermoë L	Mass Massa kg
Bearing Size Laergrootte	11 × 5½				WATER		30 910	30 910
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	6 / 6		Tank Material Tenkmateriaal	SPEC CME 9 SYM 8 SPES SIM	DIESEL OIL DIESELOLIE		30 580	25 690
Brake System Remstelsel	V		Tank Lining Tenkvoering		OIL OLIE		30 910	29 360
Brake Cylinders Remsilinders	(V) 2 / 18	(L)	Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor					
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50)	(L)	Originally designed for Oorspronklik ontwerp vir	WATER TREACLE OIL STROOP OLIE				
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 85,2 / 33,2	(L)	Converted for Omskep vir					
Drawgear Equipment Trekwerkuitrusting	AAR M 901 E		Revision Hersiening					
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR - SAS		Date Datum					

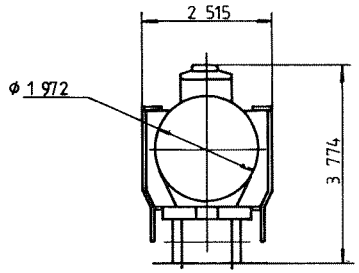
X - 21

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

X – 24





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
30 - 034 000 / 30 - 036 100	1965 - 66

Remarks / Opmerkings :-

Converted from / Omskep van	Date / Datum

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	CME 143/12 - A21		Centre of Gravity (Empty) / Swaartepunt (Leeg)		Capacity (full) / Inhoudsvermoë (vol)	L 36 430	Tare (Average) / Tarra (Gemiddeld)	kg	21 550
Bogie Type / Draaisteltipe	SARCAST				Contents / Inhoud		Capacity / Inhoudsvermoë	L	Mass / Massa kg
Bearing Size / Laergrootte	11 × 5 1/2				WATER		36 430		36 430
Springs per Bogie / Vere per Draaistel — Outer / Buite / Inner / Binne	6 / 6		Tank Material / Tenkmateriaal	SPEC CME 9 SYM 8 / SPES SIM	OIL / OLIE		36 430		34 610
Brake System / Remstelsel	V		Tank Lining / Tenkvoering						
Brake Cylinders / Remsilinders	(V) 2/18	(L)	Design Limit - Mass on Rail / Ontwerplimiet - Massa op Spoor kg						
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	WATER OIL / OLIE					
Brake Percentage — Empty / Loaded / Rempersentasie — Leeg / Met Vrag	(V) 86,1/32	(L)	Converted for / Omskep vir						
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		Revision / Hersiening						
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum						

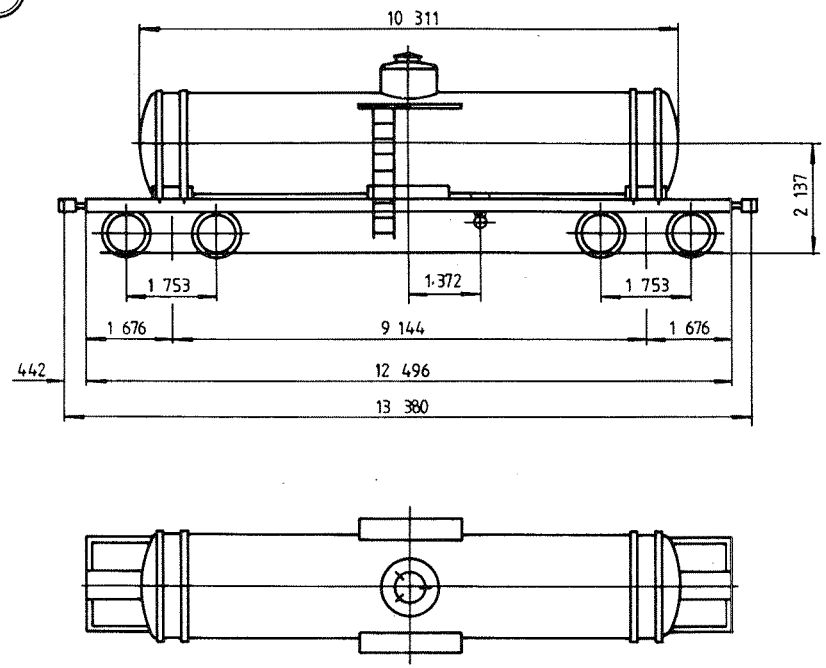
X-24

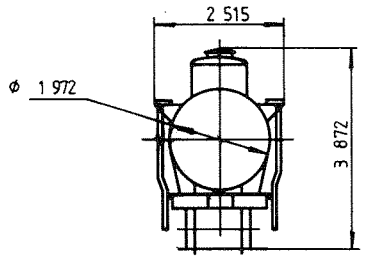
21

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

X-25

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller





Remarks
Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
30 - 037 018 / 30 - 037 050	1967

Converted from / Omskep van	Date / Datum

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	CME 152/12 - A21		Centre of Gravity (Empty) / Swaartepunt (Leeg)	990		Capacity (full) / Inhoudsvermoë (vol) l	30 870	Tare (Average) / Tarra (Gemiddeld) kg	20 920
Bogie Type / Draaisteltipe	SARCAST					Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
Bearing Size / Laergrootte	11 × 5½					WATER		30 870	30 870
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	8 / 0		Tank Material / Tenkmateriaal	SPEC / SPES CME 9	SYM / SIM 8	OIL / OLIE		30 870	29 330
Brake System / Remstelsel	V		Tank Lining / Tenkvoering						
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor						
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	WATER	TREACLE / STROOP OIL / OLIE				
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 88,7 / 35,8	(L)	Converted for / Omskep vir						
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		Revision / Hersiening						
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum						

X - 25

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

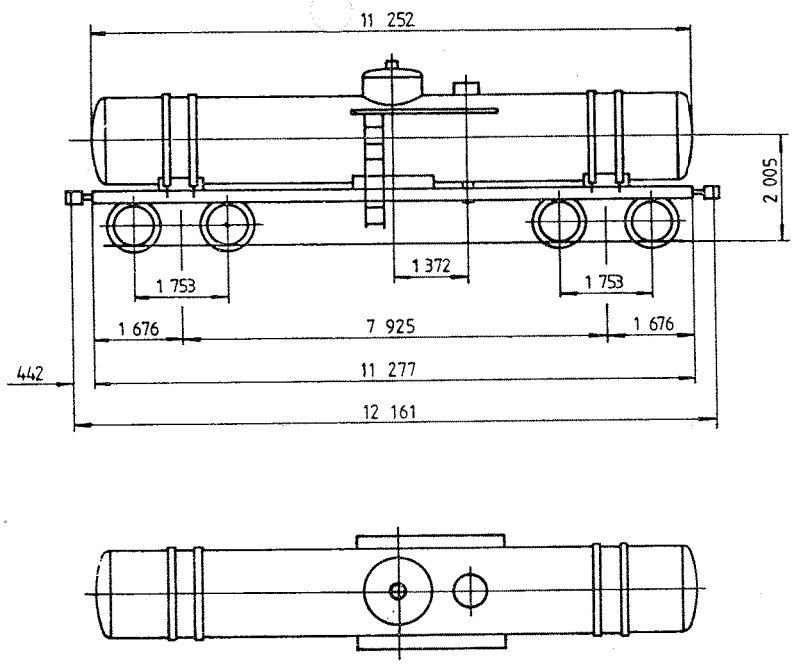
SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

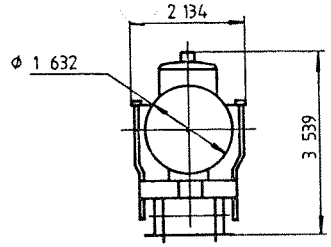
Brake System - Remstelsel

A Dual Power - Automatic
Tweekrag - Outomaties
R Slack Adjuster
Remversteller

V Vacuum
Vakuum
L Air
Lug
D Dual Power - Manually operated
Tweekrag - Handbediening

XA-2





Remarks
Opmerkings :-

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
31 - 010 008 / 31 - 010 083	1941

Converted from Omskep van	Date Datum

For actual loads, capacities and ullages see drawing number CME 240/12 - A99
Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer

Drawing Number Tekeningnommer	W. 1/9310
Bogie Type Draaisteltipe	DIAMOND FRAME RUITRAAM
Bearing Size Laergrootte	11×5½
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	4 ELLIP
Brake System Remstelsel	V
Brake Cylinders Remsilinders	(V) 1 / 21 (L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50) (L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 86,4 / 26,5 (L)
Drawgear Equipment Trekwerkuitrusting	AAR M901 E
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR - SAS

Centre of Gravity (Empty) Swaartepunt (Leeg)						
Tank Material Tenkmateriaal	SPEC CME 9 SYM 8 SPES SIM					
Tank Lining Tenkvoering						
Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor						
Originally designed for Oorspronklik ontwerp vir	AMMONIA AMMONIAK					
Converted for Omskep vir						
Revision Hersiening	1					
Date Datum	87-07-31					

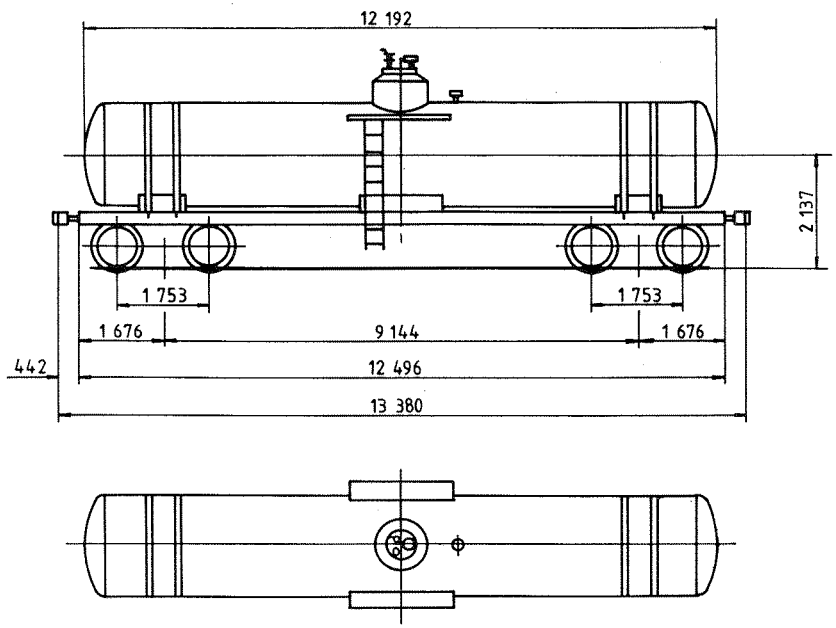
Capacity (full) Inhoudsvermoë (vol) L	22 940	Tare (Average) kg Tarra (Gemiddeld)	17 690
Contents Inhoud		Capacity Inhoudsvermoë L	Mass kg Massa
AMMONIA AMMONIAK		21 590	20 450
FERTILIZER SOLUTION KUNSMISOPLOSSING		21 590	40 000

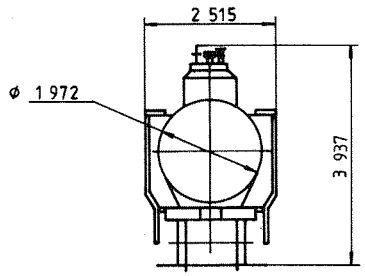
XA-2

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

XA-3

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties / Slack Adjuster / Remversteller
R





Remarks
Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
31 - 011 004 / 31 - 011 101	1966

Converted from / Omskep van	Date / Datum
X - 24	1967

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	CME 143/12 - A21		Centre of Gravity (Empty) / Swaartepunt (Leeg)		Capacity (full) / Inhoudsvermoë (vol)	36 310	Tare (Average) / Tarra (Gemiddeld) kg	21 830
Bogie Type / Draaisteltipe	SARCAST				Contents / Inhoud		Capacity / Inhoudsvermoë	Mass / Massa kg
Bearing Size / Laergrootte	11 × 5 1/2				AMMONIA / AMMONIAK		34 620	32 800
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6 / 6		Tank Material / Tenkmateriaal	SPEC / SPES CME 9 SYM / SIM 8				
Brake System / Remstelsel	V		Tank Lining / Tenkvoering					
Brake Cylinders / Remsilinders	(V) 2/18	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor					
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	WATER OIL / OLIE				
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 85/34	(L)	Converted for / Omskep vir	AMMONIA / AMMONIAK				
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		Revision / Hersiening					
Coupler / Yoke / Koppelaar / Juk	COP - S / SAR - SAS		Date / Datum					

XA - 3

24

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

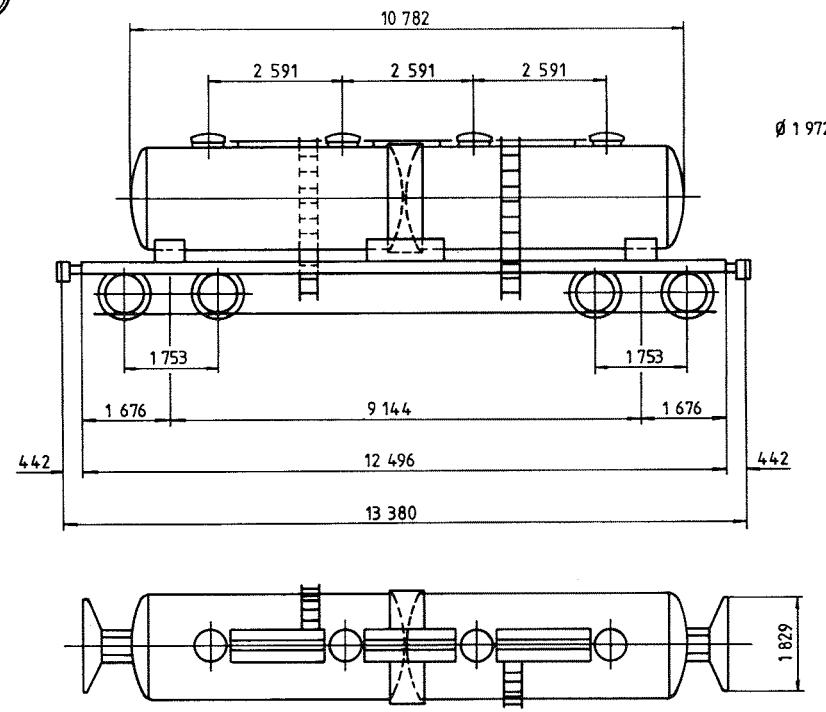
V Vacuum
Vakuum

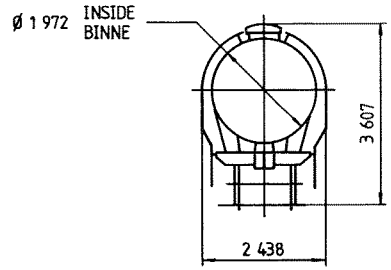
L Air
Lug

D Dual Power - Manually operated
Tweekrag - Handbediening

A Dual Power - Automatic
Tweekrag - Outomaties

R Slack Adjuster
Remversteller





Remarks
Opmerkings :-

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
18-010 008	1959

Converted from Omskep van	Date Datum
X-21	1960

Drawing Number Tekeningnommer	CDO SKETCH 140		
Bogie Type Draaisteltipe	SARCAST		
Bearing Size Laergrootte	11×5 1/2		
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	6/6		
Brake System Remstelsel	V		
Brake Cylinders Remsilinders	(V) 2/18	(L) —	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L) —	
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 71,3/32,6	(L) —	
Drawgear Equipment Trekwerkuitrusting	AAR. M 901 E.		
Coupler / Yoke Koppelaar / Juk	SASKOP S / SAR SAS		

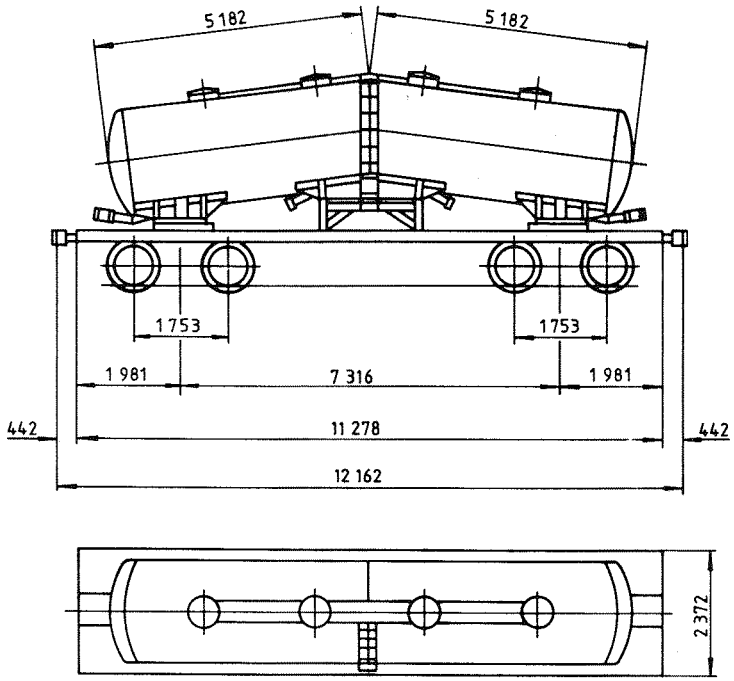
Centre of Gravity (Empty) Swaartepunt (Leeg)	—
Design Limit – Mass on Rail kg Ontwerplimiet – Massa op Spoor	60 000
Originally designed for Oorspronklik ontwerp vir	WATER TREACLE OIL STROOP OLIE
Converted for Omskep vir	CEMENT SEMENT

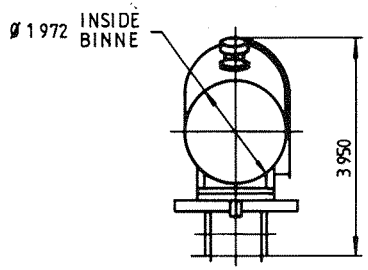
Revision Hersiening							
Date Datum							

Tare (Average) kg Tarra (Gemiddeld)	23 590
Load kg Vrag	28 000
Load (Coal) kg Vrag (Steenkool)	—
Floor Area m^2 Vloeroppervlakte	—
Capacity m^3 Inhoudsvermoë	12,1/ TANK TENK

XB-1

25





Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Remarks :- B - 2 UNDERFRAME / ONDERSTEL

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
18 - 011 004	1964

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	——		Centre of Gravity (Empty) / Swaartepunt (Leeg)	978	Tare (Average) / Tarra (Gemiddeld) kg	20 510
Bogie Type / Draaisteltipe	SARCAST				Load / Vrag kg	39 000
Bearing Size / Laergrootte	10×5				Load (Coal) / Vrag (Steenkool) kg	——
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6/0				Floor Area / Vloeroppervlakte m^2	——
Brake System / Remstelsel	V				Capacity / Inhoudsvermoë m^3	16 / TANK TENK
Brake Cylinders / Remsilinders	(V) 2/18	(L) ——	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000		
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) ——	Originally designed for / Oorspronklik ontwerp vir	CEMENT SEMENT		
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 73,6 / 25,4	(L) ——	Converted for / Omskep vir	——		
Drawgear Equipment / Trekwerkuitrusting	AAR. M 901 E.		Revision / Hersiening			
Coupler / Yoke / Koppelaar / Juk	ASKOP S / SAR SAS		Date / Datum			

XB-2

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

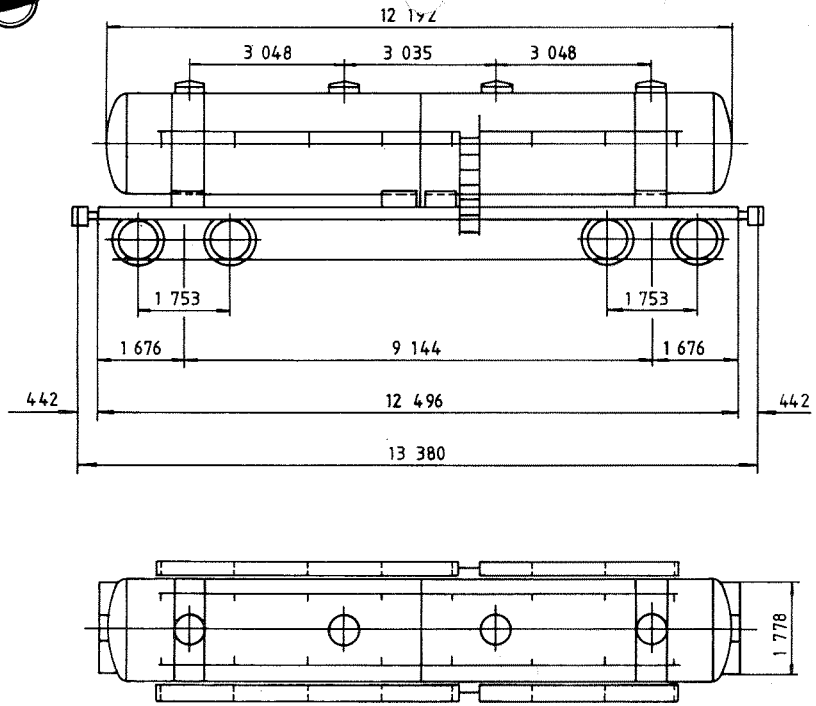
A Dual Power - Automatic
Tweekrag - Outomaties

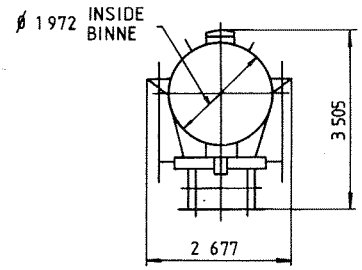
R Slack Adjuster
Remversteller

V Vacuum
Vakuum

L Air
Lug

D Dual Power - Manually operated
Tweekrag - Handbediening





Remarks
Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
18-012 000 / 18-012 531	1962-63

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	W2/20004 CME 121/12-A63		Centre of Gravity (Empty) / Swaartepunt (Leeg)	——	Tare (Average) kg / Tarra (Gemiddeld) kg	24 230
Bogie Type / Draaisteltipe	SARCAST				Load / Vrag kg	37 000
Bearing Size / Laergrootte	11 × 5 1/2				Load (Coal) / Vrag (Steenkool) kg	——
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6/6				Floor Area / Vloeroppervlakte m^2	——
Brake System / Remstelsel	V				Capacity / Inhoudsvermoë m^3	16/TANK TENK
Brake Cylinders / Remsilinders	(V) 2/18	(L) ——	Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	60 000		
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) ——	Originally designed for / Oorspronklik ontwerp vir	CEMENT SEMENT		
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 76,6/30,3	(L) ——	Converted for / Omskep vir	——		
Drawgear Equipment / Trekwerkuitrusting	AAR. M 901 E.		Revision / Hersiening			
Coupler / Yoke / Koppelaar / Juk	SASKOP S/SAR SAS		Date / Datum			

XB-3

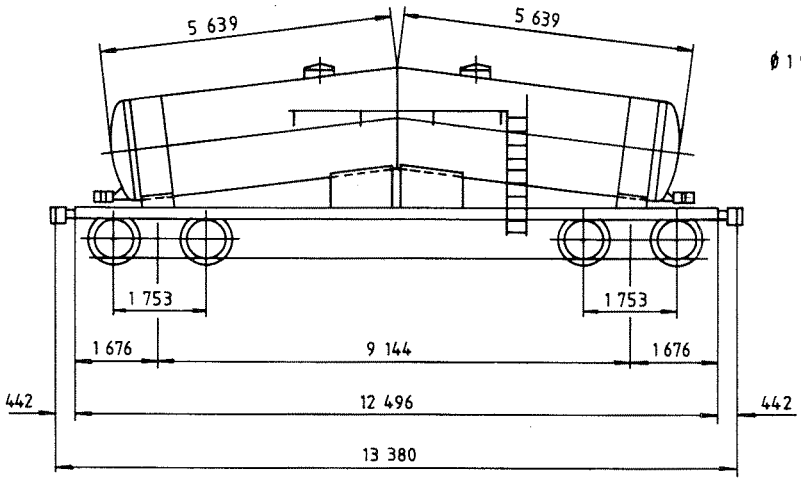
Drawgear Equipment - Trekwerkuitrusting

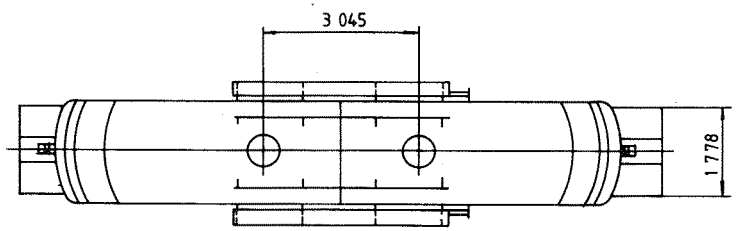
KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

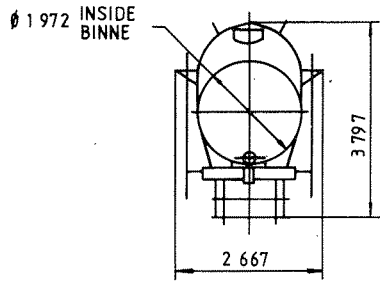
SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller







Remarks
Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
18-013 007 / 18-013 554.	1962 - 63

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	W1 / 20004 CME 121 / 12 -A63		Centre of Gravity (Empty) / Swaartepunt (Leeg)	—
Bogie Type / Draaisteltipe	SARCAST			
Bearing Size / Laergrootte	11 × 5 1/2			
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6/6			
Brake System / Remstelsel	V			
Brake Cylinders / Remsilinders	(V) 2/18	(L) —	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L) —	Originally designed for / Oorspronklik ontwerp vir	CEMENT SEMENT
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 92,6/31,4	(L) —	Converted for / Omskep vir	—
Drawgear Equipment / Trekwerkuitrusting	AAR. M 901E.		Revision / Hersiening	
Coupler / Yoke / Koppelaar / Juk	SA[illegible]OP S / SAR SAS		Date / Datum	

Tare (Average) kg / Tarra (Gemiddeld) kg	20 050
Load kg / Vrag kg	39 000
Load (Coal) kg / Vrag (Steenkool) kg	
Floor Area m^2 / Vloeroppervlakte m^2	
Capacity m^3 / Inhoudsvermoë m^3	16,8 / TANK TENK

XB-4

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

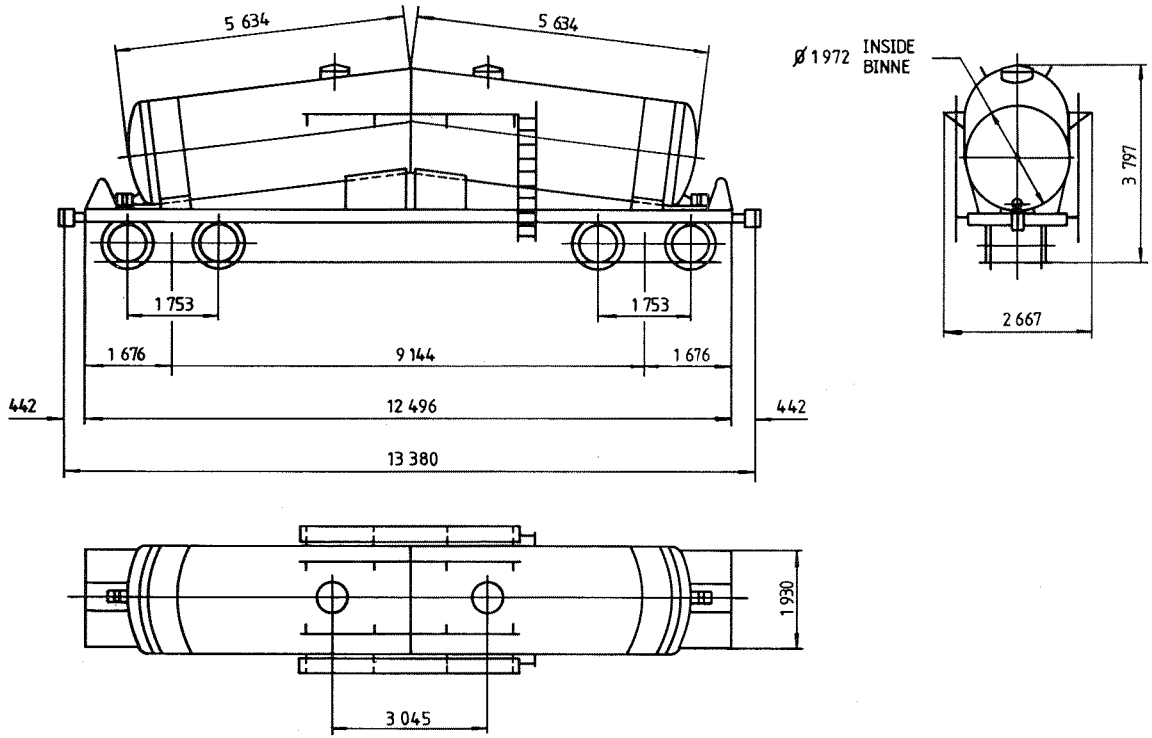
A Dual Power-Automatic / Tweekrag-Outomaties

R Slack Adjuster / Remversteller

V Vacuum / Vakuum

L Air / Lug

D Dual Power - Manually operated / Tweekrag - Handbediening



Remarks / Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
18 - 014 003 / 18 - 014 542	1964 - 1965
18 - 014 550 / 18 - 015 964	1965
18 - 015 972 / 18 - 017 827	1965
18 - 039 308 / 18 - 039 871	1964 - 1965

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	W1 / 20017		
Bogie Type / Draaisteltipe	SARCAST		
Bearing Size / Laergrootte	11 x 5 1/2		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6/6		
Brake System / Remstelsel	V		
Brake Cylinders / Remsilinders	(V) 2/21	(L) ——	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) ——	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 80,8 / 27,6	(L) ——	
Drawgear Equipment / Trekwerkuitrusting	AAR. M 901 E.		
Coupler / Yoke / Koppelaar / Juk	SASKOP S / SAR SAS		

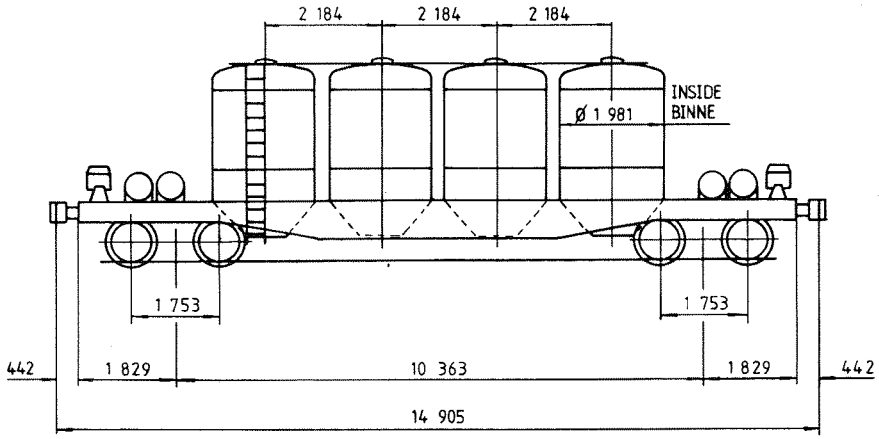
Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 129						
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	60 000						
Originally designed for / Oorspronklik ontwerp vir	CEMENT SEMENT						
Converted for / Omskep vir	——						
Revision / Hersiening							
Date / Datum							

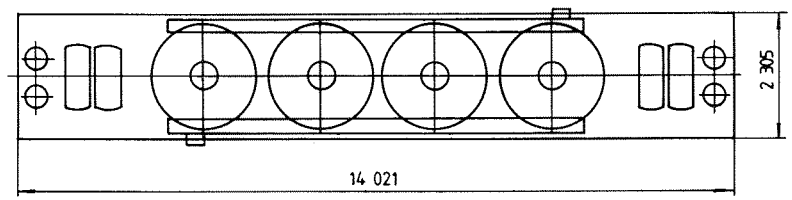
Tare (Average) kg / Tarra (Gemiddeld) kg	20 260
Load kg / Vrag kg	39 000
Load (Coal) kg / Vrag (Steenkool) kg	——
Floor Area m^2 / Vloeroppervlakte m^2	——
Capacity m^3 / Inhoudsvermoë m^3	16,8 / TANK TENK

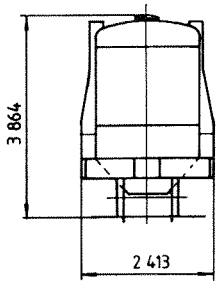
XB-5

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power – Manually operated / Tweekrag – Handbediening







Remarks :- Opmerkings :-

*1 FOR WAGONS FITTED WITH SPOORBARBER BOGIES / VIR TROKKE GEPAS MET SPOORBARBER DRAAISTELLE

*2 78,9/30,8 FOR WAGONS FITTED WITH SPOORBARBER BOGIES / VIR TROKKE GEPAS MET SPOORBARBER DRAAISTELLE

Drawing Number / Tekeningnommer	W1/20037
Bogie Type / Draaisteltipe	SARCAST, SPOORBARBER
Bearing Size / Laergrootte	11 × 5½, D *1
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6/6, 10/4 *1
Brake System / Remstelsel	V
Brake Cylinders / Remsilinders	(V) 4/15 (L) —
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (L) —
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 94,7/36,9 *2 (L) —
Drawgear Equipment / Trekwerkuitrusting	AAR. M 901 E.
Coupler / Yoke / Koppelaar / Juk	KOP S / SAR SAS

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 172
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	CEMENT / SEMENT
Converted for / Omskep vir	—
Revision / Hersiening	
Date / Datum	

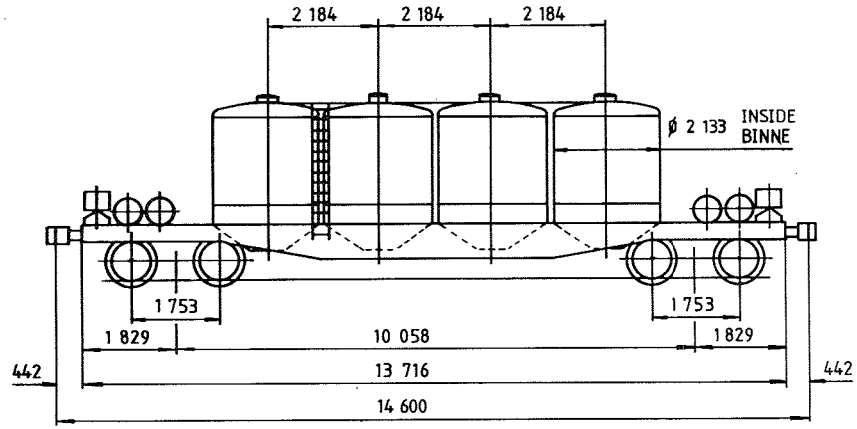
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
18-018 009/18-020 208	1967

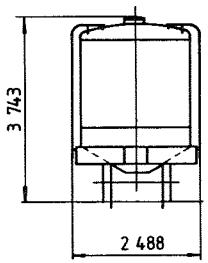
Converted from / Omskep van	Date / Datum

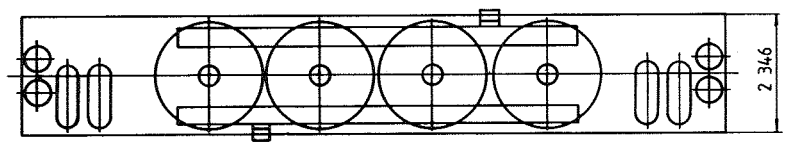
Tare (Average) kg / Tarra (Gemiddeld) kg	23 640
Load kg / Vrag kg	37 000
Load (Coal) kg / Vrag (Steenkool) kg	—
Floor Area m^2 / Vloeroppervlakte m^2	—
Capacity m^3 / Inhoudsvermoë m^3	8 / TANK TENK

XB-6

30







Remarks
Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
18-021 018 / 18-022 642	1968

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	W1/20057		
Bogie Type / Draaisteltipe	SPOORBARBER		
Bearing Size / Laergrootte	C		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/4		
Brake System / Remstelsel	V		
Brake Cylinders / Remsilinders	(V) 4/15	(L) —	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) —	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 90,5/34,1	(L) —	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E.		
Coupler / Yoke / Koppelaar / Juk	SASKOP S / SAR / SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 124
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	CEMENT / SEMENT
Converted for / Omskep vir	—

Revision / Hersiening							
Date / Datum							

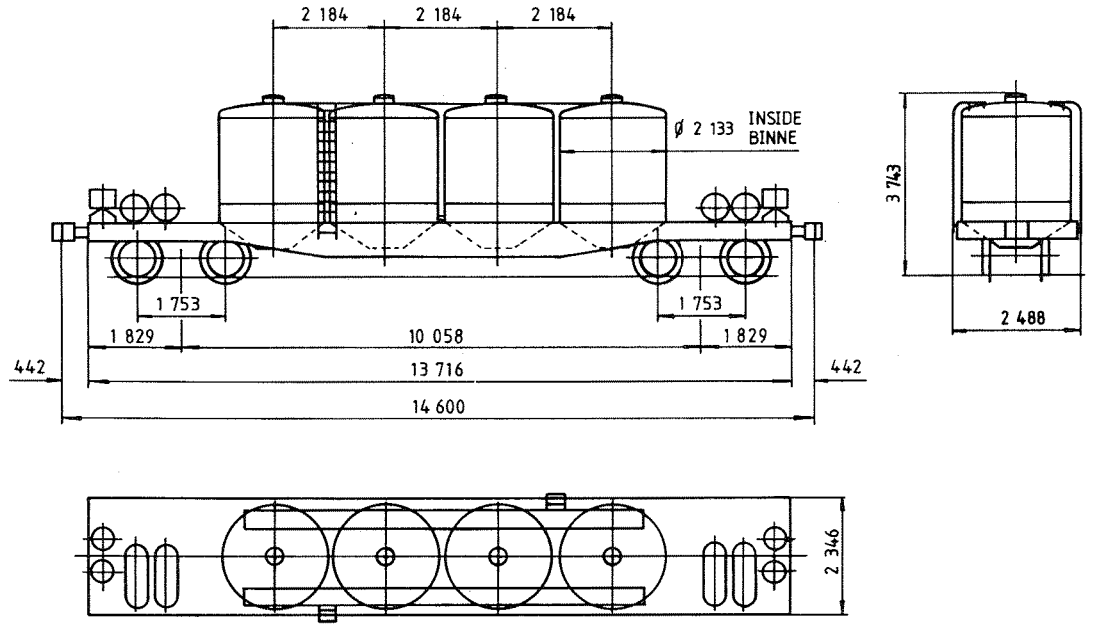
Tare (Average) kg / Tarra (Gemiddeld) kg	22 400
Load kg / Vrag kg	37 000
Load (Coal) kg / Vrag (Steenkool) kg	—
Floor Area m^2 / Vloeroppervlakte m^2	—
Capacity m^3 / Inhoudsvermoë m^3	8 / TANK / TENK

XB-7

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulïese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulïese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

31



Remarks :-
Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
18-022 707 / 18-023 800	1970-71
18-023 819 / 18-028 209	1971-72
18-034 047 / 18-034 330	1976

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	A0/00/02001		
Bogie Type / Draaisteltipe	SPOORBARBER		
Bearing Size / Laergrootte	C		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/4		
Brake System / Remstelsel	V		
Brake Cylinders / Remsilinders	(V) 4/15	(L) —	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) —	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 90,5 / 34,1	(L) —	
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E.		
Coupler / Yoke / Koppelaar / Juk	SAS[illegible] S / SAR SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 183
Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	CEMENT / SEMENT
Converted for / Omskep vir	—

Revision / Hersiening							
Date / Datum							

Tare (Average) kg / Tarra (Gemiddeld) kg	22 400
Load kg / Vrag kg	37 000
Load (Coal) kg / Vrag (Steenkool) kg	—
Floor Area m^2 / Vloeroppervlakte m^2	—
Capacity m^3 / Inhoudsvermoë m^3	8 / TANK TENK

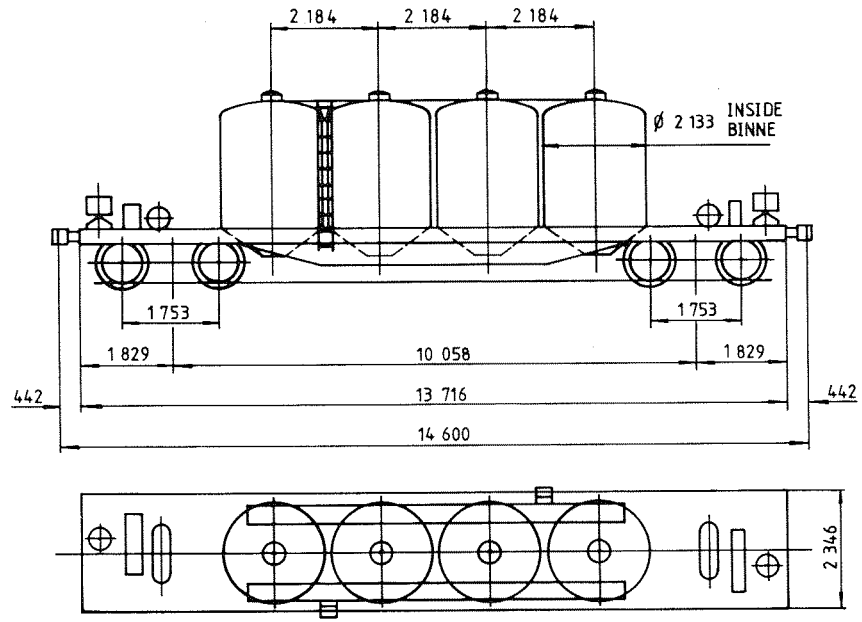
XB-8

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening



Remarks :- BEING CONVERTED TO XBJ - 9
Opmerkings WORD OMGEBOU NA

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
18-028 543 / 18-032 915	1973 - 74

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	W001/D017
Bogie Type / Draaisteltipe	SPOORBARBER
Bearing Size / Laergrootte	C
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/4
Brake System / Remstelsel	V/R
Brake Cylinders / Remsilinders	(V) 2/18 (L) —
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (L) —
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 78,3/29,5 (L) —
Drawgear Equipment / Trekwerkuitrusting	AAR. M 901 E.
Coupler / Yoke / Koppelaar / Juk	SASKOP S / SAR SAS

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 075
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	CEMENT / SEMENT
Converted for / Omskep vir	—

Revision / Hersiening						
Date / Datum						

Tare (Average) kg / Tarra (Gemiddeld) kg	22 400
Load kg / Vrag kg	37 000
Load (Coal) kg / Vrag (Steenkool) kg	—
Floor Area m^2 / Vloeroppervlakte m^2	—
Capacity m^3 / Inhoudsvermoë m^3	8 / TANK TENK

XB-9

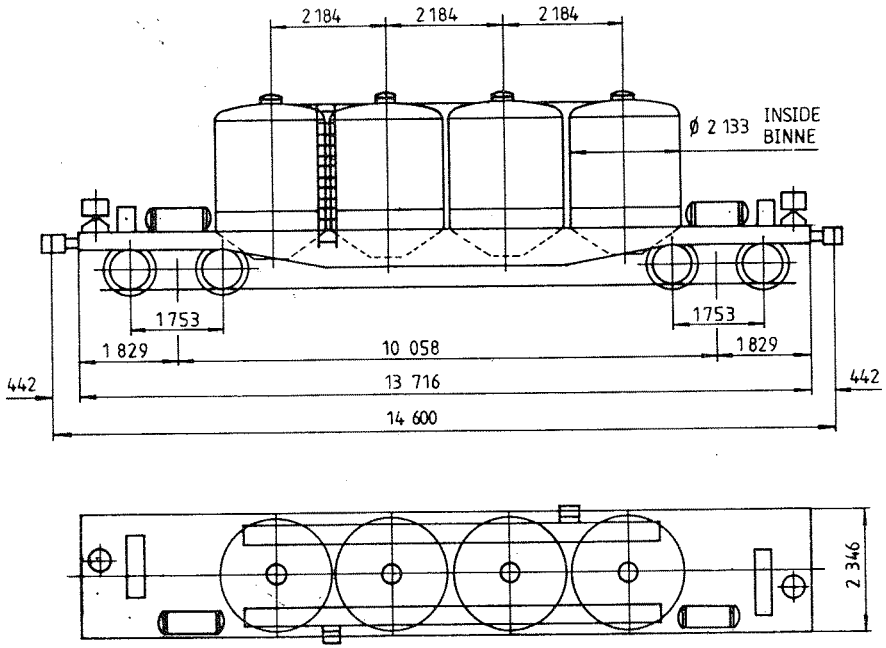
Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidroulies kussingrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidroulies kussingrigting

Brake System - Remsteelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller



Remarks
Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
18-021 018 / 18-022 642	1968

Converted from / Omskep van	Date / Datum
XB - 7	1987-

Drawing Number / Tekeningnommer	W1/20057	Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 124
Bogie Type / Draaisteltipe	SPOORBARBER		
Bearing Size / Laergrootte	C		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/4		
Brake System / Remsteelsel	V/R		
Brake Cylinders / Remsilinders	(V) 2/18 (L) —	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (L) —	Originally designed for / Oorspronklik ontwerp vir	CEMENT SEMENT
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 61,6/23,2 (L) —	Converted for / Omskep vir	—
Drawgear Equipment / Trekwerkuitrusting	AAR M901E.	Revision / Hersiening	
Coupler / Yoke / Koppelaar / Juk	SASF S/SAR SAS	Date / Datum	

Tare (Average) kg / Tarra (Gemiddeld) kg	22 400
Load kg / Vrag kg	37 000
Load (Coal) kg / Vrag (Steenkool) kg	—
Floor Area m^2 / Vloeroppervlakte m^2	—
Capacity m^3 / Inhoudsvermoë m^3	8 / TANK TENK

XBJ-7

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

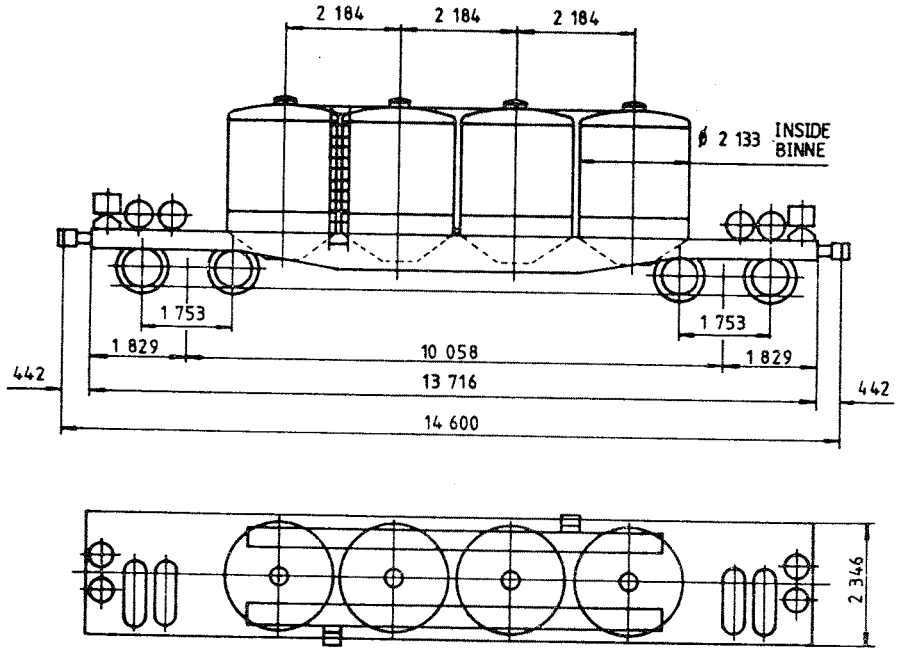
V Vacuum
Vakuum

L Air
Lug

D Dual Power - Manually operated
Tweekrag - Handbediening

A Dual Power - Automatic
Tweekrag - Outomaties

R Slack Adjuster
Remversteller



Remarks
Opmerkings :-

Drawing Number / Tekeningnommer	A0/00/02001	
Bogie Type / Draaisteltipe	SPOORBARBER	
Bearing Size / Laergrootte	C	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/4	
Brake System / Remstelsel	V	
Brake Cylinders / Remsilinders	(V) 2/18	(L) —
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) —
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 61,6 / 23,2	(L) —
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E.	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 183
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	CEMENT / SEMENT
Converted for / Omskep vir	

Revision / Hersiening						
Date / Datum						

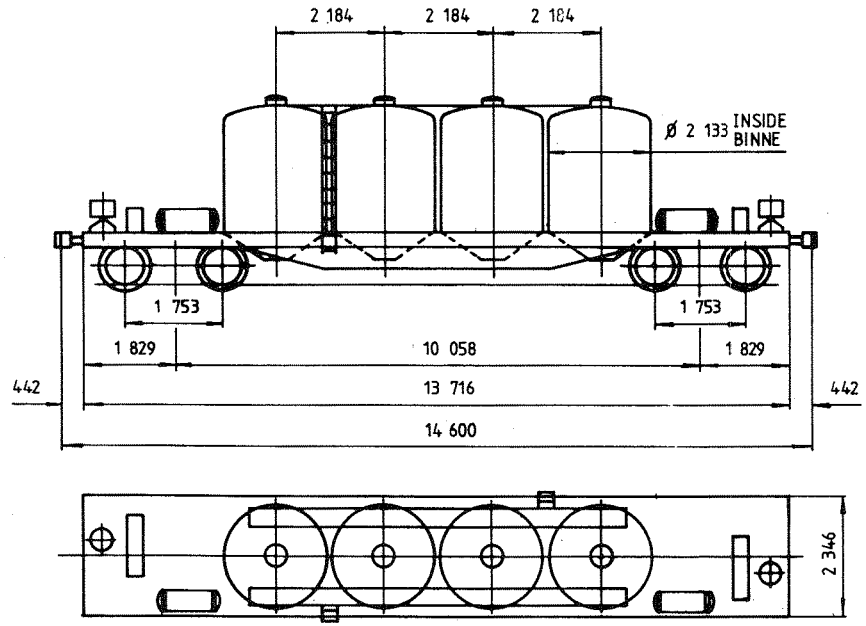
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
18-022 707 / 18-023 800	1970-71
18-023 819 / 18-028 209	1971-72
18-034 047 / 18-034 330	1976

Converted from / Omskep van	Date / Datum
XB - 8	1985 -

Tare (Average) kg / Tarra (Gemiddeld) kg	22 400
Load kg / Vrag kg	37 000
Load (Coal) kg / Vrag (Steenkool) kg	—
Floor Area m^2 / Vloeroppervlakte m^2	—
Capacity m^3 / Inhoudsvermoë m^3	8 / TANK TENK

XBJ-8

33



Remarks : BEING CONVERTED FROM XB - 9
Opmerkings : WORD OMGEBOU VAN

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
18-028 543 / 18-032 915	1973 - 74

Converted from / Omskep van	Date / Datum
XB - 9	1984 —

Drawing Number / Tekeningnommer	W001/D 017		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 075	Tare (Average) kg / Tarra (Gemiddeld) kg	22 400
Bogie Type / Draaisteltipe	SPOORBARBER				Load kg / Vrag kg	37 000
Bearing Size / Laergrootte	C				Load (Coal) kg / Vrag (Steenkool) kg	—
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/4				Floor Area / Vloeroppervlakte m^2	—
Brake System / Remstelsel	V/R				Capacity / Inhoudsvermoë m^3	8/ TANK / TENK
Brake Cylinders / Remsilinders	(V) 2/18	(L) —	Design Limit – Mass on Rail kg / Ontwerplimiet – Massa op Spoor	60 000		
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) —	Originally designed for / Oorspronklik ontwerp vir	CEMENT / SEMENT		
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 61,2/23,1	(L) —	Converted for / Omskep vir	—		
Drawgear Equipment / Trekwerkuitrusting	AAR M901E.		Revision / Hersiening			
Coupler / Yoke / Koppelaar / Juk	S[illegible]OP S/ SAR / SAS		Date / Datum			

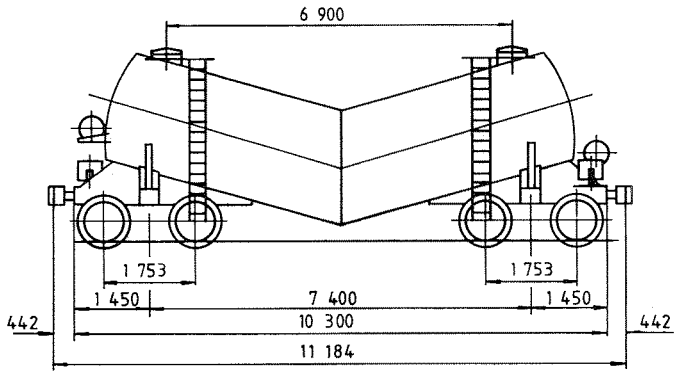
XBJ - 9

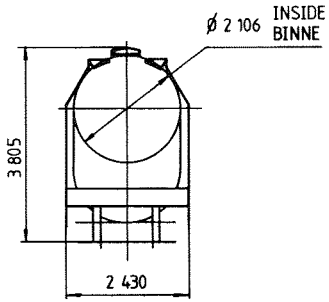
Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

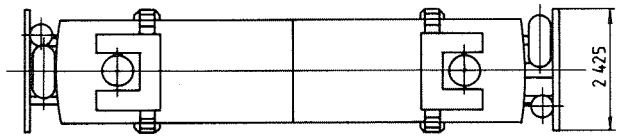
Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
D Dual Power - Manually operated / Tweekrag - Handbediening
V Vacuum / Vakuum
L Air / Lug







Remarks
Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
18-032 958 / 18-034 039	1973-74

Converted from / Omskep van	Date / Datum

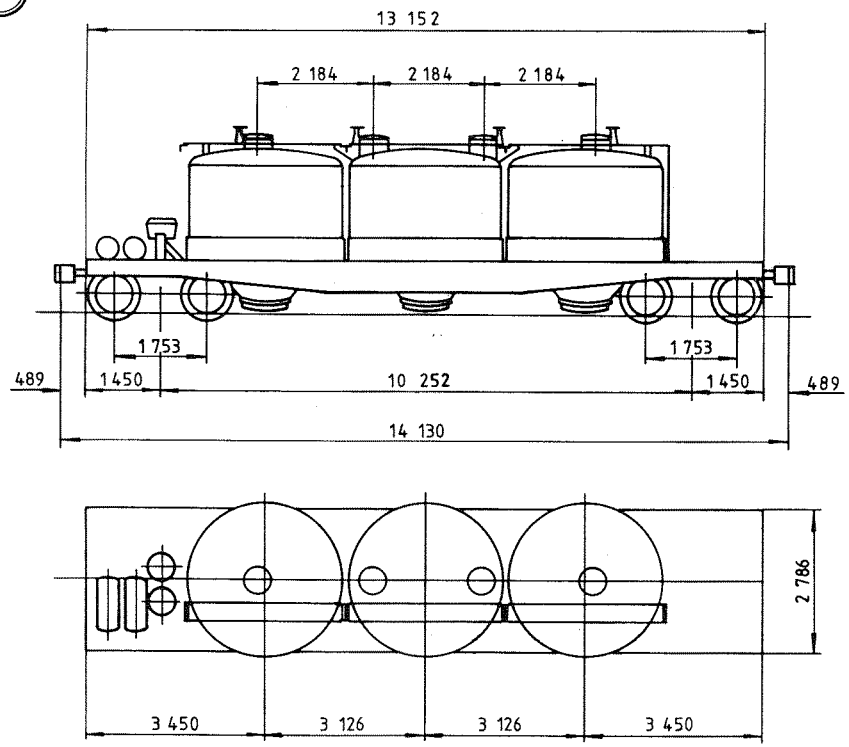
Drawing Number / Tekeningnommer	W 001 / V 008		
Bogie Type / Draaisteltipe	SPOORBARBER		
Bearing Size / Laergrootte	C		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 4		
Brake System / Remstelsel	V / R		
Brake Cylinders / Remsilinders	(V) 2 / 18	(L) —	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) —	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 78,7 / 28,2	(L) —	
Drawgear Equipment / Trekwerkuitrusting	AAR. M901E.		
Coupler / Yoke / Koppelaar / Juk	SASKOP S / SAR SAS		

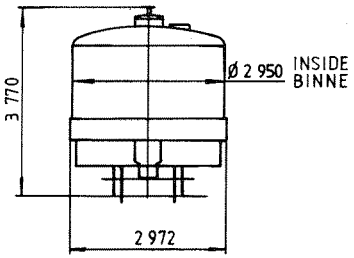
Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 084
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	CEMENT / SEMENT
Converted for / Omskep vir	—

Revision / Hersiening							
Date / Datum							

Tare (Average) kg / Tarra (Gemiddeld) kg	21 170
Load kg / Vrag kg	38 000
Load (Coal) kg / Vrag (Steenkool) kg	—
Floor Area m^2 / Vloeroppervlakte m^2	—
Capacity m^3 / Inhoudsvermoë m^3	15,5 / TANK TENK

XB-10





Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

Remarks / Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
18-034 349/18-039 286	1980 - 1981

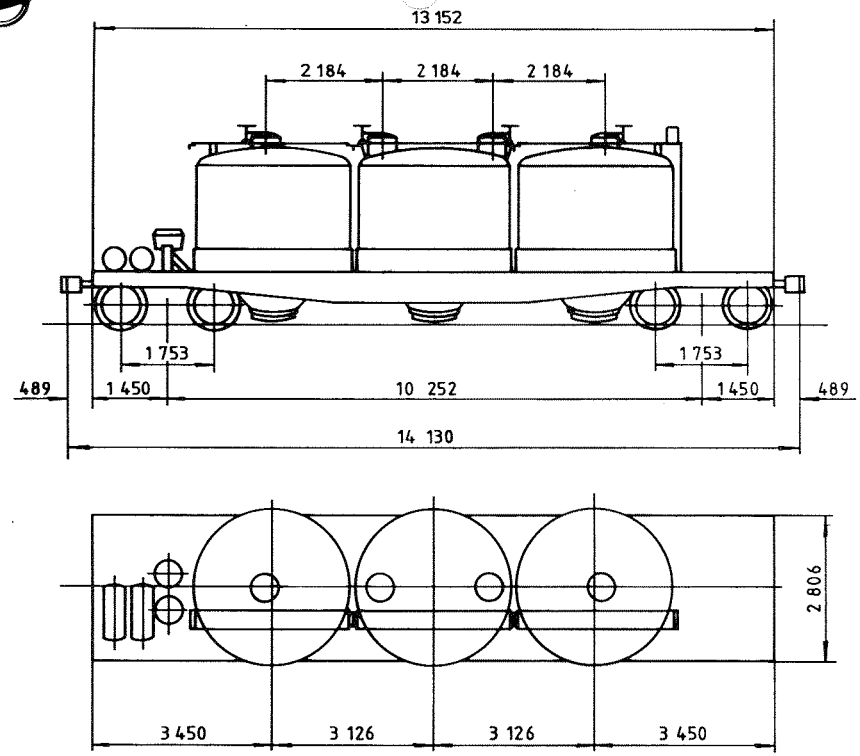
Converted from / Omskep van	Date / Datum

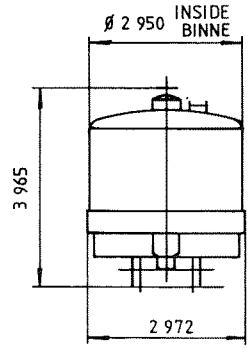
Drawing Number / Tekeningnommer	W001/D063		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 090	Tare (Average) / Tarra (Gemiddeld) kg	25 300
Bogie Type / Draaisteltipe	HS MK. VII				Load / Vrag kg	54 700
Bearing Size / Laergrootte	D				Load (Coal) / Vrag (Steenkool) kg	—
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10				Floor Area / Vloeroppervlakte m^2	—
Brake System / Remstelsel	V/R				Capacity / Inhoudsvermoë m^3	15,7 / TANK TENK
Brake Cylinders / Remsilinders	(V) 2/21	(L) —	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	80 000		
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) —	Originally designed for / Oorspronklik ontwerp vir	CEMENT SEMENT		
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 65,8/20,8	(L) —	Converted for / Omskep vir	—		
Drawgear Equipment / Trekwerkuitrusting	AAR. M901E.		Revision / Hersiening			
Coupler / Yoke / Koppelaar / Juk	F / SAR SAS		Date / Datum			

XBJ-11

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulliese kussinginrigting

Brake System - Remstelsel
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening





Remarks / Opmerkings :-

W001/D084

Drawing Number / Tekeningnommer	~~D001/W004~~		
Bogie Type / Draaisteltipe	HS MK. VII		
Bearing Size / Laergrootte	D		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10		
Brake System / Remstelsel	V/R		
Brake Cylinders / Remsilinders	(V) 2/21	(L) —	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) —	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 68,2 / 22,3	(L) —	
Drawgear Equipment / Trekwerkuitrusting	AAR. M901E		
Coupler / Yoke / Koppelaar / Juk	E/E		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 144
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	80 000
Originally designed for / Oorspronklik ontwerp vir	CEMENT / SEMENT
Converted for / Omskep vir	—

Revision / Hersiening	(					
Date / Datum	86/12/19					

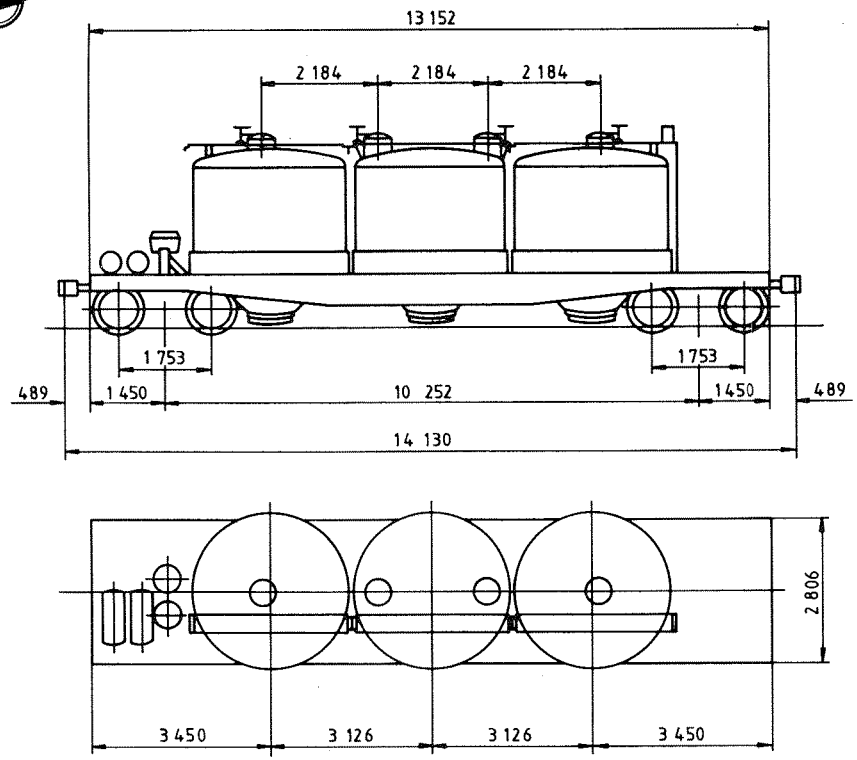
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
18-041 000 / 18-044 298	1984-1985

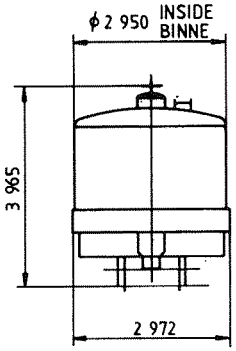
Converted from / Omskep van	Date / Datum

Tare (Average) kg / Tarra (Gemiddeld) kg	24 100
Load kg / Vrag kg	56 000
Load (Coal) kg / Vrag (Steenkool) kg	—
Floor Area m^2 / Vloeroppervlakte m^2	—
Capacity m^3 / Inhoudsvermoë m^3	17 / TANK TENK

XBJ-12

37





Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

A Dual Power - Automatic
Tweekrag - Outomaties
Slack Adjuster
R Remversteller

V Vacuum
Vakuum
L Air
Lug
Dual Power - Manually operated
D Tweekrag - Handbediening

Remarks
Opmerkings :-

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
18-039 898/18-040 985	1984-1985

Converted from Omskep van	Date Datum

Drawing Number Tekeningnommer	W001/F040		
Bogie Type Draaisteltipe	HS MK. VII		
Bearing Size Laergrootte	D		
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	10/10		
Brake System Remstelsel	V/R		
Brake Cylinders Remsilinders	(V) 2/21	(L) —	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L) —	
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 67,8/22,0	(L) —	
Drawgear Equipment Trekwerkuitrusting	AAR. M901E		
Coupler / Yoke Koppelaar / Juk	F/E		

Centre of Gravity (Empty) Swaartepunt (Leeg)	
Design Limit – Mass on Rail kg Ontwerplimiet – Massa op Spoor	80 000
Originally designed for Oorspronklik ontwerp vir	CEMENT SEMENT
Converted for Omskep vir	—

Revision Hersiening						
Date Datum						

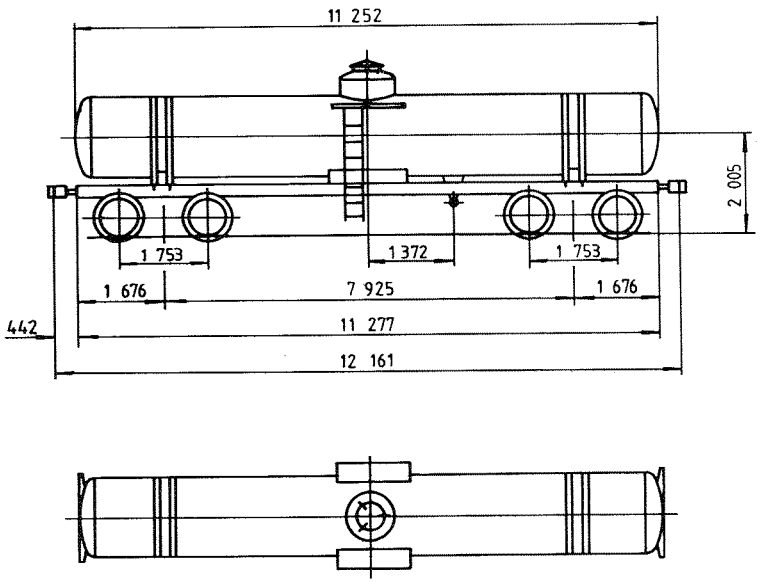
Tare (Average) kg Tarra (Gemiddeld)	25 700
Load kg Vrag	54 700
Load (Coal) kg Vrag (Steenkool)	—
Floor Area m^2 Vloeroppervlakte	—
Capacity m^3 Inhoudsvermoë	17/ TANK TENK

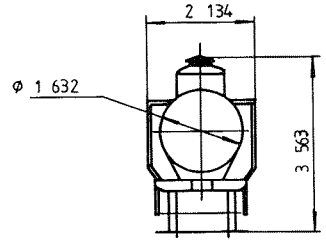
XBJ-13

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

XC-4

Brake System - Remstelsel
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening





Remarks / Opmerkings :- Fitted with Steam Heating Elements / Toegerus met Elemente vir Stoomverwarming

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
32 - 010 052	1940

Converted from / Omskep van	Date / Datum
X - 16	1957

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

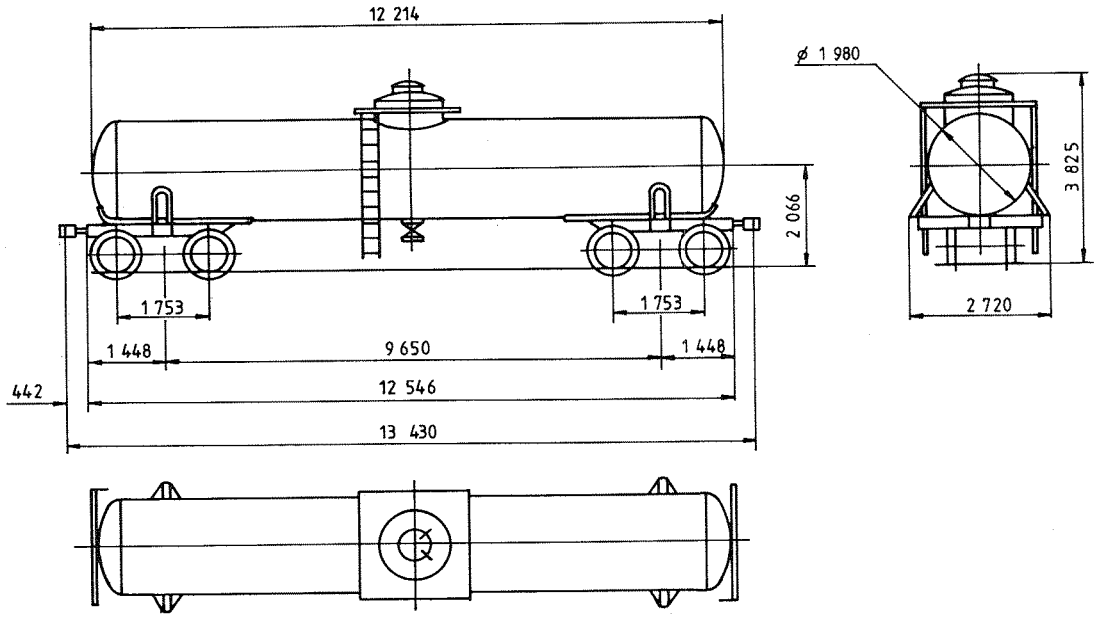
Drawing Number / Tekeningnommer	W.1/9842	
Bogie Type / Draaisteltipe	DIAM. FRAME / RUITRAAM	
Bearing Size / Laergrootte	11 × 5 1/2	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	4 ELLIP	
Brake System / Remstelsel	V	
Brake Cylinders / Remsilinders	(V) 1/ 21	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 86, 1/37, 3	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)					
Tank Material / Tenkmateriaal	SPEC / SPES CME 9	SYM / SIM 8			
Tank Lining / Tenkvoering					
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor					
Originally designed for / Oorspronklik ontwerp vir	WATER	TREACLE / STROOP	OIL / OLIE		
Converted for / Omskep vir	CREOSOTE / KREOSOOT				
Revision / Hersiening					
Date / Datum					

Capacity (full) / Inhoudsvermoë (vol) L	22 140	Tare (Average) / Tarra (Gemiddeld) kg	17 740
Contents / Inhoud		Capacity / Inhoudsvermoë L	Mass / Massa kg
CREOSOTE / KREOSOOT		22 140	23 250

XC-4

41



Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
32 - 012 284 / 32 - 012 543	1972

Converted from / Omskep van	Date / Datum

Remarks
Opmerkings :

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W 001 / V005		
Bogie Type / Draaisteltipe	SPOORBARBER		
Bearing Size / Laergrootte	C		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/4		
Brake System / Remstelsel	V / R		
Brake Cylinders / Remsilinders	(V) 2/18	(L)	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 89,9/31,3	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901-E		
Coupler / Yoke / Koppelaar / Juk	SKOP - S / SAR - SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 107	Capacity (full) / Inhoudsvermoë (vol) l	36 980	Tare (Average) / Tarra (Gemiddeld) kg	20 700
		Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
		CREOSOTE / KREOSOOT		36 980	38 830
Tank Material / Tenkmateriaal	B.S. 1501 - 151 GR 28 A				
Tank Lining / Tenkvoering					
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000				
Originally designed for / Oorspronklik ontwerp vir	CREOSOTE / KREOSOOT				
Converted for / Omskep vir					
Revision / Hersiening					
Date / Datum					

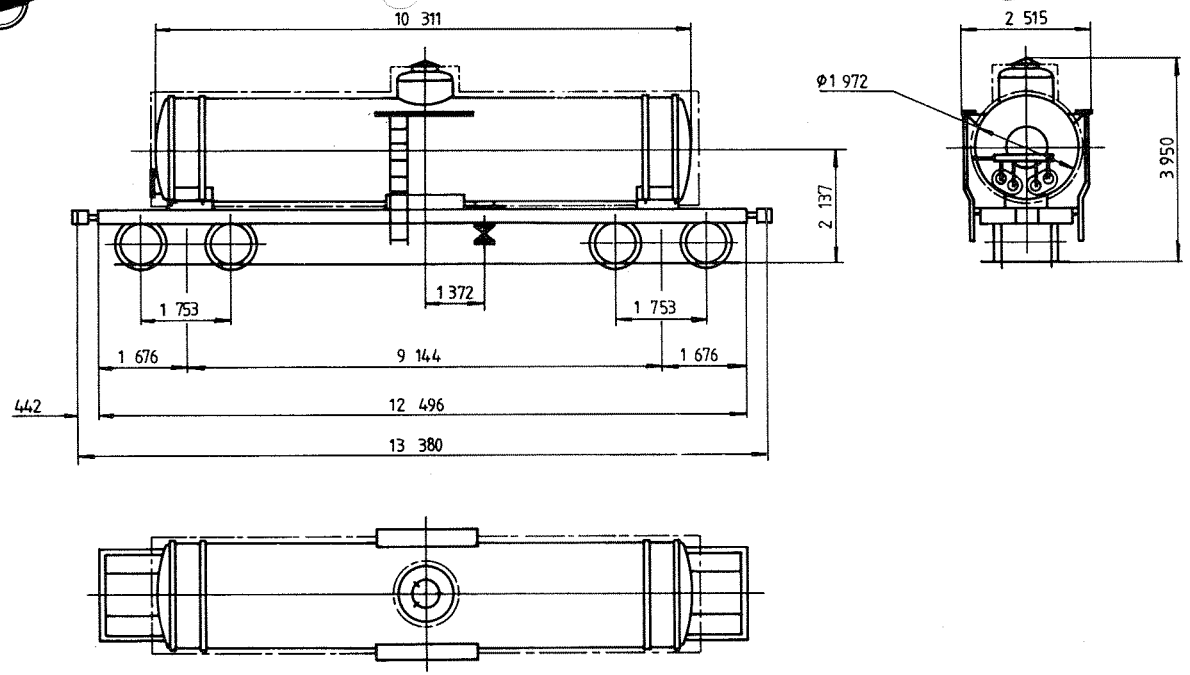
XC - 7

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remverstelier



Remarks : FITTED WITH STEAM HEATING ELEMENTS
Opmerkings : TOEGERUS MET ELEMENTE VIR STOOMVERWARMING

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
32 - 013 000 / 32 - 013 310	1964

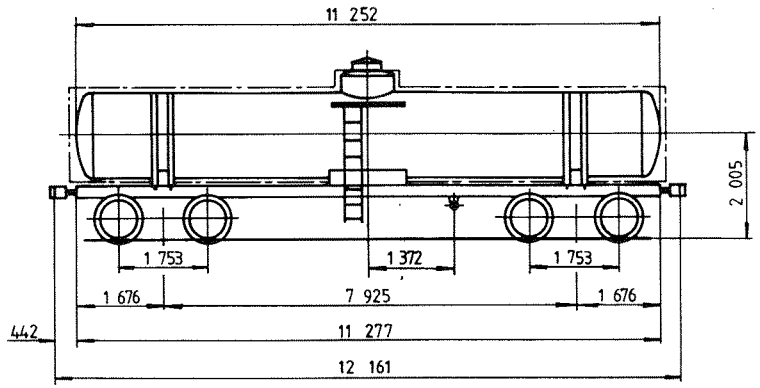
Converted from / Omskep van	Date / Datum
XT-8	1984-

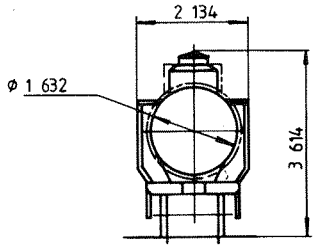
For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	CME 141/12 - A21		Centre of Gravity (Empty) / Swaartepunt (Leeg)			Capacity (full) / Inhoudsvermoë (vol)	l 29 980	Tare (Average) / Tarra (Gemiddeld)	kg 23 950
Bogie Type / Draaisteltipe	SARCAST					Contents / Inhoud		Capacity / Inhoudsvermoë	l Mass / Massa kg
Bearing Size / Laergrootte	11 × 5½					CREOSOTE / KREOSOOT		29 980	31 480
Springs per Bogie / Vere per Draaistel — Outer / Inner / Buite / Binne	6 / 6		Tank Material / Tenkmateriaal	SPEC / SPES CME 9	SYM / SIM 8				
Brake System / Remstelsel	V		Tank Lining / Tenkvoering						
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)	Design Limit - Mass on Rail / Ontwerplimiet - Massa op Spoor kg						
Train Pipe / Treinpyp — Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	TAR / TEER					
Brake Percentage — Empty / Loaded / Rempersentasie — Leeg / Met Vrag	(V) 77,5 / 33,5	(L)	Converted for / Omskep vir	CREOSOTE / KREOSOOT					
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening						
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum						

XC-8

43





Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
32 - 014 007 / 32 - 014 058	1948 - 50

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Remarks : FITTED WITH STEAM HEATING ELEMENTS
Opmerkings : TOEGERUS MET ELEMENTE VIR STOOMVERWARMING

Converted from Omskep van	Date Datum
XT - 9 (ex. X - 16)	

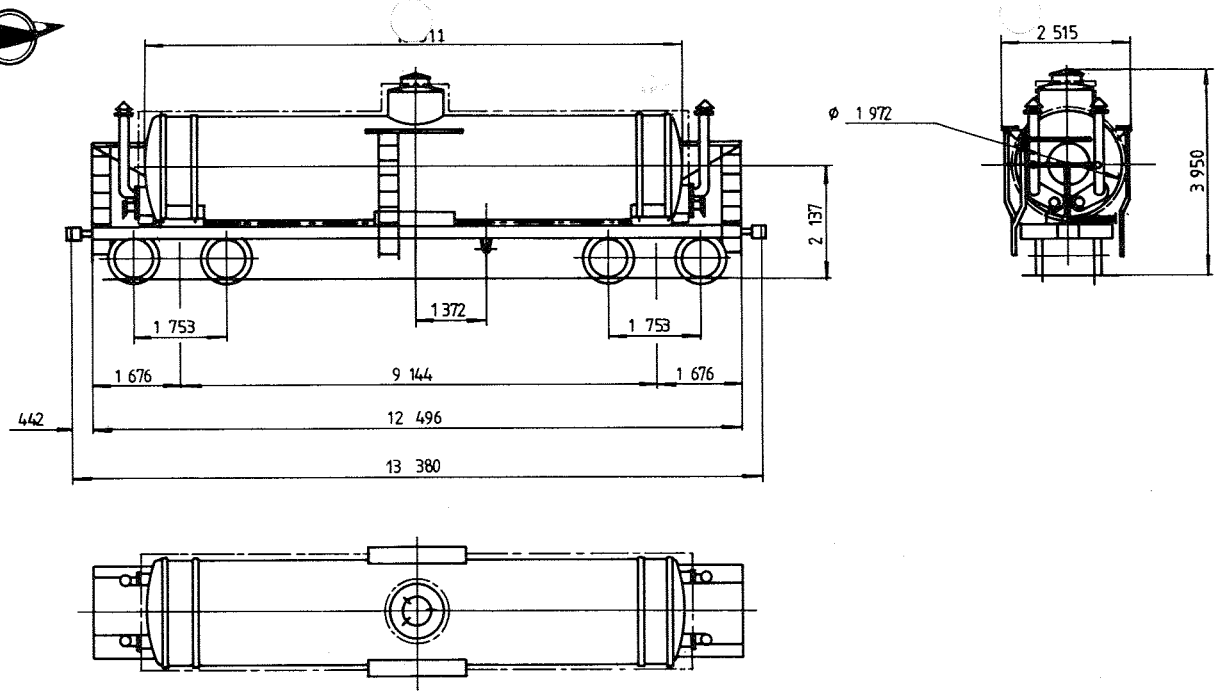
For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number Tekeningnommer	W.1/9382 W.1/9842	CDO	SKETCH SKETS 620	Centre of Gravity (Empty) Swaartepunt (Leeg)		Capacity (full) Inhoudsvermoë (vol)	l 22 050	Tare (Average) Tarra (Gemiddeld)	kg 20 010
Bogie Type Draaisteltipe	CANCAR					Contents Inhoud		Capacity Inhoudsvermoë	l Mass Massa kg
Bearing Size Laergrootte	10× 5					CREOSOTE KREOSOOT		22 050	23 150
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	8 / 0			Tank Material Tenkmateriaal	SPEC SPES CME 9	SYM SIM 8			
Brake System Remstelsel	V			Tank Lining Tenkvoering					
Brake Cylinders Remsilinders	(V) 1 / 21	(L)		Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor					
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50)	(L)		Originally designed for Oorspronklik ontwerp vir	WATER	TREACLE STROOP OIL OLIE			
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 76,4 / 35,4	(L)		Converted for Omskep vir	CREOSOOT KREOSOOT				
Drawgear Equipment Trekwerkuitrusting	AAR M901 E			Revision Hersiening					
Coupler / Yoke Koppelaar / Juk	SA[illegible]OP - S / SAR - SAS			Date Datum					

XC - 9

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening



Remarks / Opmerkings: Fitted with Steam/Flame Heating Elements. / Toegerus met Elemente vir Stoom-/Vlamverwarming.

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
32 - 015 003 / 32 - 015 267	1966 - 67

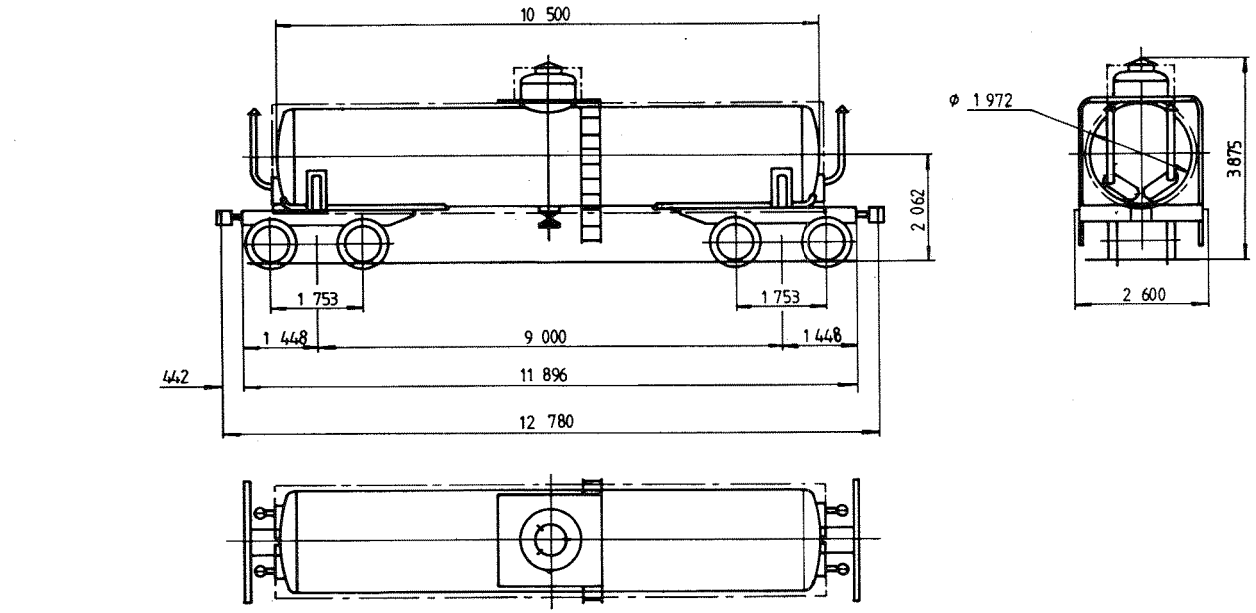
Converted from / Omskep van	Date / Datum
XT - 10	1983 -

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W. 1 / 20046		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 326		Capacity (full) / Inhoudsvermoë (vol)	l 29 650	Tare (Average) / Tarra (Gemiddeld)	kg 26 040
Bogie Type / Draaisteltipe	SARCAST					Contents / Inhoud		Capacity / Inhoudsvermoë	l Mass / Massa kg
Bearing Size / Laergrootte	11 × 5½					CREOSOTE / KREOSOOT		29 650	31 130
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6 / 6		Tank Material / Tenkmateriaal	SPEC CME 9 SYM 8 / SPES SIM					
Brake System / Remstelsel	V		Tank Lining / Tenkvoering						
Brake Cylinders / Remsilinders	(V) 2/18	(L)	Design Limit - Mass on Rail / Ontwerplimiet - Massa op Spoor kg	60 000					
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	TAR / TEER					
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 71,3 / 32,5	(L)	Converted for / Omskep vir	CREOSOTE / KREOSOOT					
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening						
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum						

XC - 10

45



Remarks :- Fitted with Steam / Flame Heating Elements
Opmerkings :- Toegerus met Elemente vir Stoom-/ Vlamverwarming

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
32 - 016 018 / 32 - 016 379	1972

Converted from / Omskep van	Date / Datum
XT - 11	1983-

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

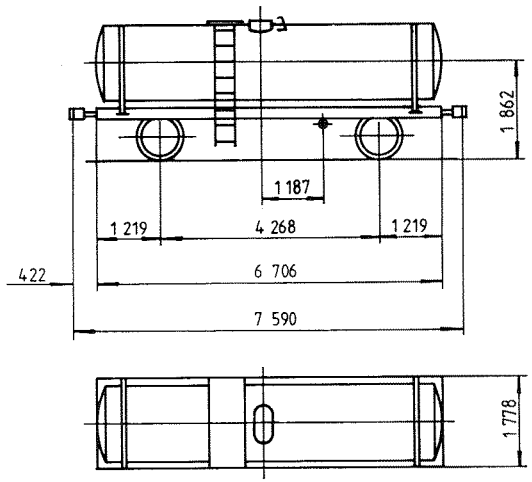
Drawing Number / Tekeningnommer	W. 001 / A004		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 290	Capacity (full) / Inhoudsvermoë (vol) l	30 190	Tare (Average) / Tarra (Gemiddeld) kg	24 290
Bogie Type / Draaisteltipe	SPOORBARBER				Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
Bearing Size / Laergrootte	C				CREOSOTE / KREOSOOT		30 190	31 700
Springs per Bogie / Vere per Draaistel	Outer / Buite	Inner / Binne	Tank Material / Tenkmateriaal	SPEC. CME 9 / SPES.	SYM. 8 / SIM.			
10/4			Tank Lining / Tenkvoering					
Brake System / Remstelsel	V/R		Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000				
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)	Originally designed for / Oorspronklik ontwerp vir	TAR / TEER				
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Converted for / Omskep vir	CREOSOTE / KREOSOOT				
Brake Percentage / Rempersentasie	Empty / Leeg	Loaded / Met Vrag	Revision / Hersiening					
(V) 82,3 / 35,7	(L)		Date / Datum					
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E							
Coupler / Yoke / Koppelaar / Juk	SA[illegible]P - S / SAR - SAS							

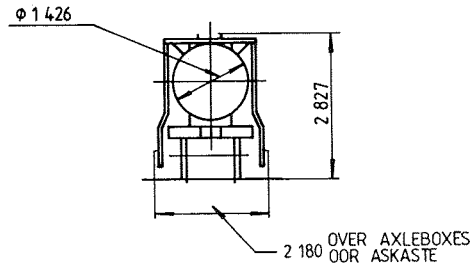
XC-11

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulièse kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulièse kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remverateller

46





Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
33 - 010 .005 / 33 - 011 346	1961 - 62

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

V Vacuum
Vakuum

L Air
Lug

D Dual Power - Manually operated
Tweekrag - Handbediening

A Dual Power - Automatic
Tweekrag - Outomaties

R Slack Adjuster
Remversteller

Remarks
Opmerkings

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

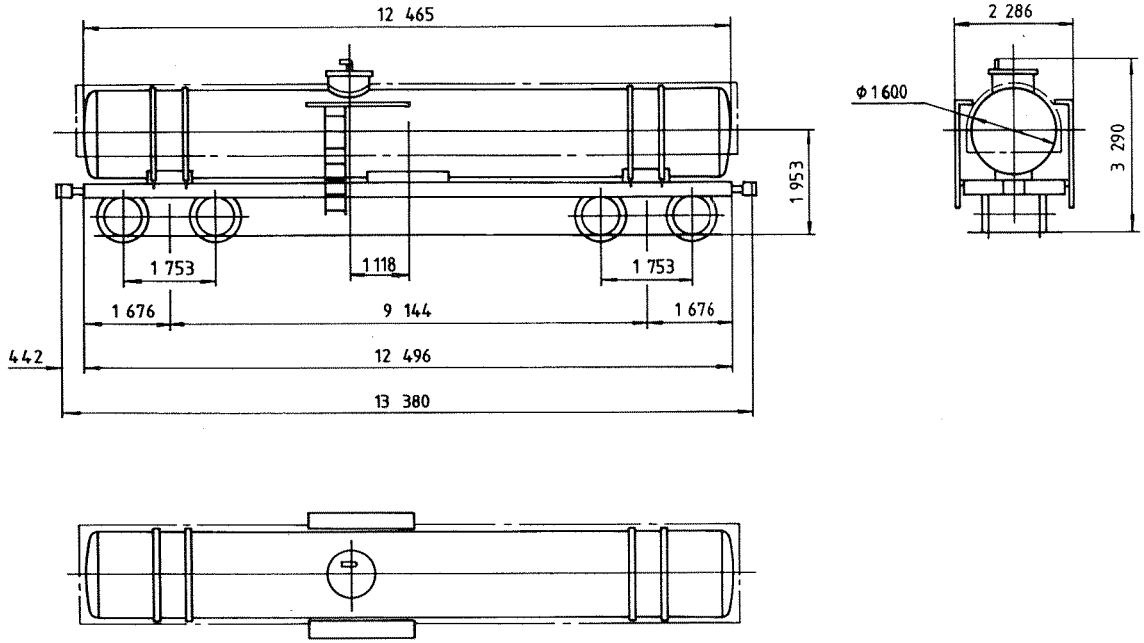
Converted from Omskep van	Date Datum

Drawing Number Tekeningnommer	CME 125 / 12 - A 21		
Bogie Type Draaisteltipe			
Bearing Size Laergrootte	10 × 5		
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne			
Brake System Remstelsel	V		
Brake Cylinders Remsilinders	(V) 1 / 18	(L)	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50)	(L)	
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 74,4 / 36,9	(L)	
Drawgear Equipment Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR - SAS		

Centre of Gravity (Empty) Swaartepunt (Leeg)			Capacity (full) Inhoudsvermoë (vol)	l	10 460	Tare (Average) kg Tarra (Gemiddeld)	10 260
			Contents Inhoud			Capacity Inhoudsvermoë l	Mass kg Massa
			WATER			10 460	10 460
Tank Material Tenkmateriaal	SPEC. CME 9, SPES.	SYM. 8 SIM.					
Tank Lining Tenkvoering							
Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor							
Originally designed for Oorspronklik ontwerp vir	WATER						
Converted for Omskep vir							
Revision Hersiening							
Date Datum							

XE-1

47



Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

XF-1

Remarks / Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
34 - 010 009 / 34 - 010 548	1965

Converted from / Omskep van	Date / Datum

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

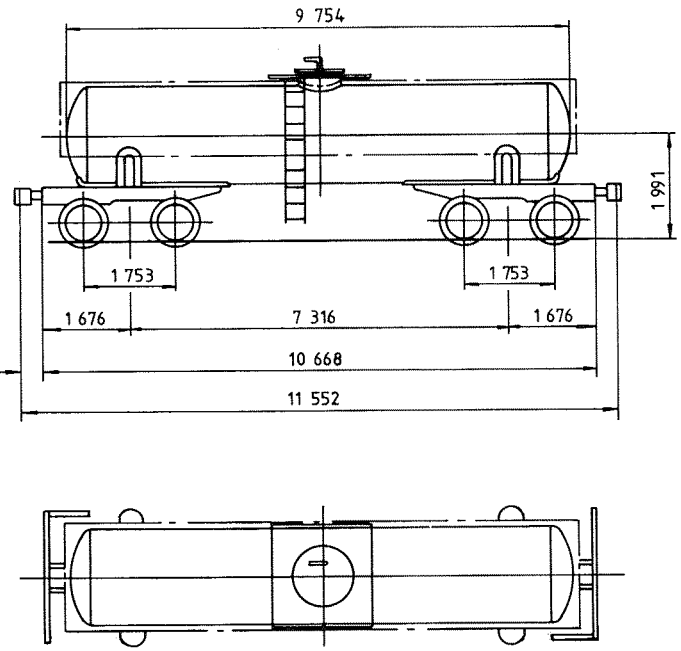
Drawing Number / Tekeningnommer	W. 1 / 20015
Bogie Type / Draaisteltipe	SARCAST
Bearing Size / Laergrootte	11 x 5½
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6 / 6
Brake System / Remstelsel	V
Brake Cylinders / Remsilinders	(V) 2 / 21 (L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 81,9 / 31,5 (L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E
Coupler / Yoke / Koppelaar / Juk	[illegible]OP - S / SAR - SAS

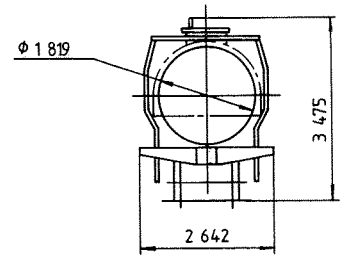
Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 076
Tank Material / Tenkmateriaal	SPEC. CME 9 SYM. 8 / SPES. SIM.
Tank Lining / Tenkvoering	RUBBER
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	PHOSPHORIC ACID / FOSFORSUUR
Converted for / Omskep vir	
Revision / Hersiening	
Date / Datum	

Capacity (full) / Inhoudsvermoë (vol) l	24 770	Tare (Average) / Tarra (Gemiddeld) kg	23 100
Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
PHOSPHORIC ACID / FOSFORSUUR		23 440	37 020

XF - 1

48





Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

XF-2

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

Remarks / Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
34-011 005 / 34-011 226	1967

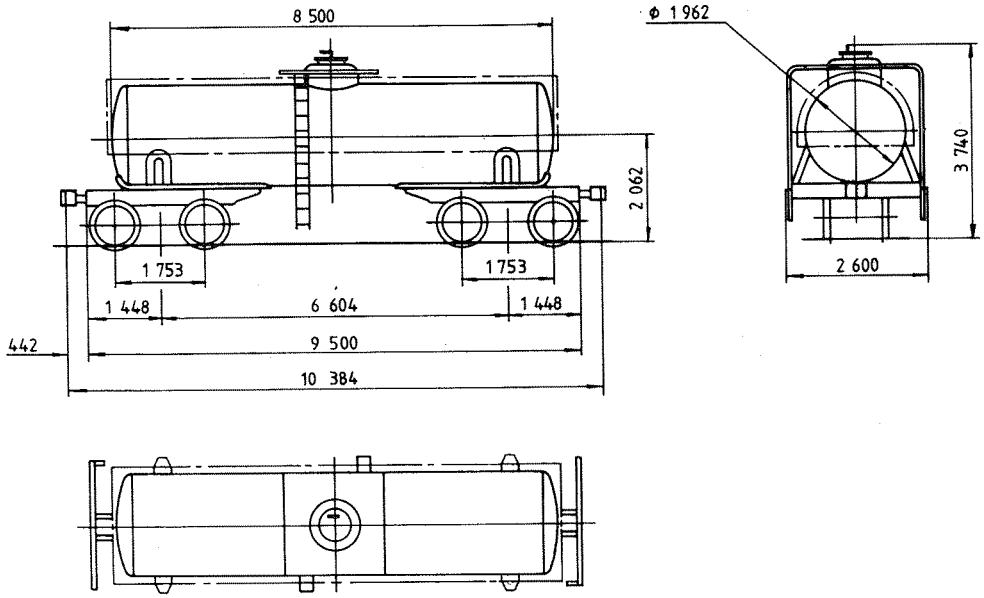
Converted from / Omskep van	Date / Datum

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12-A99

Drawing Number / Tekeningnommer	W. 1 / 20049		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 053		Capacity (full) / Inhoudsvermoë(vol)	l	24 400	Tare (Average) / Tarra(Gemiddeld) kg	21 080
Bogie Type / Draaisteltipe	SARCAST					Contents / Inhoud			Capacity / Inhoudsvermoë l	Mass / Massa kg
Bearing Size / Laergrootte	11 x 5 1/2					PHOSPHORIC ACID / FOSFORSUUR			23 830	37 630
Springs per Bogie / Vere per Draaistel — Outer / Buite / Inner / Binne	8 / 8		Tank Material / Tenkmateriaal	B.S. 1501-151 GR 28 A						
Brake System / Remstelsel	V		Tank Lining / Tenkvoering	RUBBER						
Brake Cylinders / Remsilinders	(V) 2 / 21	(L)	Design Limit-Mass on Rail / Ontwerplimiet-Massa op Spoor kg	60 000						
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	PHOSPHORIC ACID / FOSFORSUUR						
Brake Percentage — Empty / Loaded / Leeg / Met Vrag / Rempersentasie	(V) 93,9 / 33,7	(L)	Converted for / Omskep vir							
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		Revision / Hersiening							
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR-SAS		Date / Datum							

XF-2

49



Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Remarks / Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
34 - 011 234 / 34 - 011 498	1973

Converted from / Omskep van	Date / Datum

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

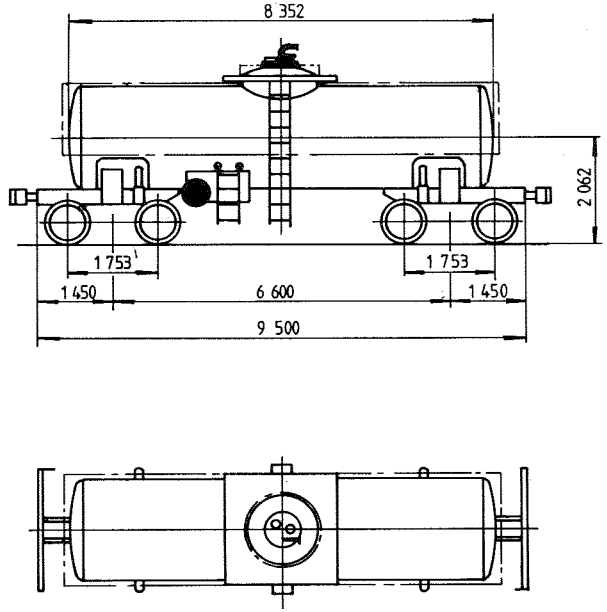
Drawing Number / Tekeningnommer	W. 001 / D 018	
Bogie Type / Draaisteltipe	SPOORBARBER	
Bearing Size / Laergrootte	C	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 4	
Brake System / Remstelsel	V / R	
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 91,6 / 30,2	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E	
Coupler / Yoke / Koppelaar / Juk	SKOP - S / SAR - SAS	

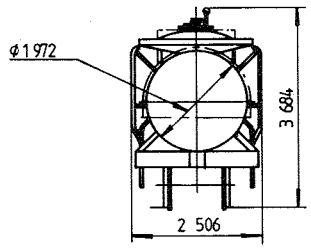
Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 190
Tank Material / Tenkmateriaal	SPEC. CME 9 SYM. 8 / SPES. SIM.
Tank Lining / Tenkvoering	RUBBER
Design Limit - Mass on Rail kg / Ontwerpliniet - Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	PHOSPHORIC ACID / FOSFORSUUR
Converted for / Omskep vir	
Revision / Hersiening	
Date / Datum	

Capacity (full) / Inhoudsvermoë (vol) l	24 750	Tare (Average) / Tarra (Gemiddeld) kg	19 270
Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
PHOSPHORIC ACID / FOSFORSUUR		24 750	39 090

XF - 3

50





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
34 - 011 501 / 34 - 012 052	1975

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

Remarks / Opmerkings :-

Converted from / Omskep van	Date / Datum

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

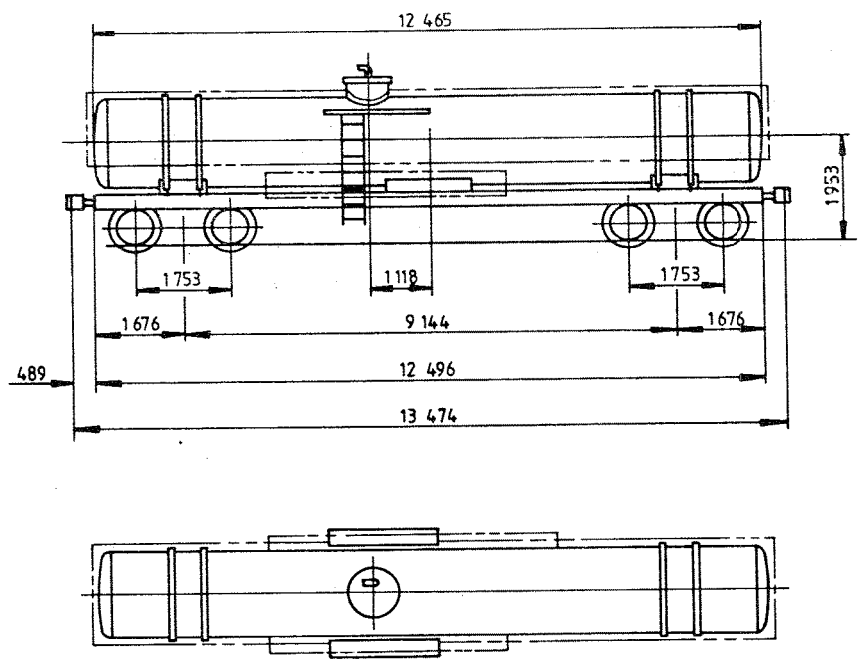
Drawing Number / Tekeningnommer	W.001 / V009		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 136	Capacity (full) / Inhoudsvermoë(vol)	l 24 570	Tare (Average) / Tarra(Gemiddeld)	kg 20 900
Bogie Type / Draaisteltipe	SPOORBARBER				Contents / Inhoud		Capacity / Inhoudsvermoë	l Mass / Massa kg
Bearing Size / Laergrootte	C				PHOSPHORIC ACID / FOSFORSUUR		24 570	38 800
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 4		Tank Material / Tenkmateriaal	BS 1501-151 GR 28 A				
Brake System / Remstelsel	V / R		Tank Lining / Tenkvoering	RUBBER				
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000				
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	PHOSPHORIC ACID / FOSFORSUUR				
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 78,6 / 27,5	(L)	Converted for / Omskep vir					
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		Revision / Hersiening					
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum					

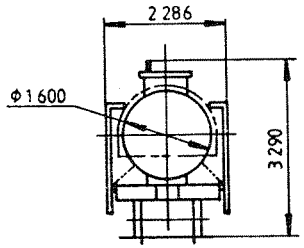
XF - 4

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting





Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
34 - 010 009 / 34 - 010 548	1965

Converted from Omskep van	Date Datum
XF-1	

Remarks
Opmerkings :

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12-A99

XFJ-1

Brake System - Remstelsel
A Dual Power-Automatic
Tweekrag-Outomaties
R Slack Adjuster
Remversteller

V Vacuum
Vakuum
L Air
Lug
D Dual Power-Manually operated
Tweekrag-Handbediening

Drawing Number Tekeningnommer	W.1/20015	
Bogie Type Draaisteltipe	SARCAST	
Bearing Size Laergrootte	11×5½	
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	6/6	
Brake System Remstelsel	V/R	
Brake Cylinders Remsilinders	(V) 1/21	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 58,9/22,6	(L)
Drawgear Equipment Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke Koppelaar / Juk		

Centre of Gravity (Empty) Swaartepunt (Leeg)	1 076
Tank Material Tenkmateriaal	SPEC. CME 9, SYM SPES. SIM. 8
Tank Lining Tenkvoering	RUBBER
Design Limit-Mass on Rail kg Ontwerplimiet-Massa op Spoor	60 000
Originally designed for Oorspronklik ontwerp vir	PHOSPHORIC ACID FOSFORSUUR
Converted for Omskep vir	

Revision Hersiening					
Date Datum					

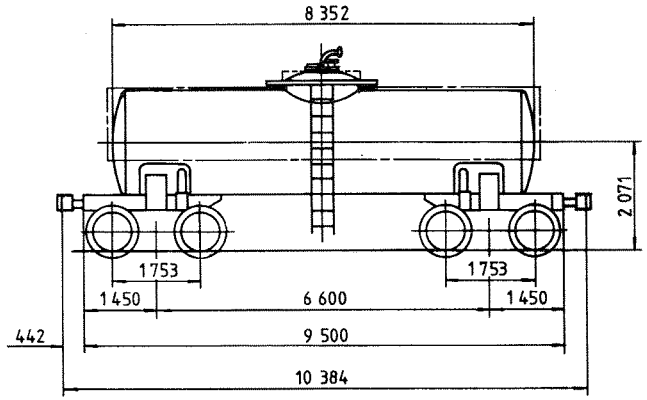
Capacity (full) l Inhoudsvermoë (vol) l	24 770	Tare (Average) kg Tarra (Gemiddeld) kg	23 100
Contents Inhoud		Capacity l Inhoudsvermoë l	Mass kg Massa kg
PHOSPHORIC ACID FOSFORSUUR		23 440	37 020
HYDROCHLORIC ACID CHLOORWATERSTOFSUUR		24 160	29 030

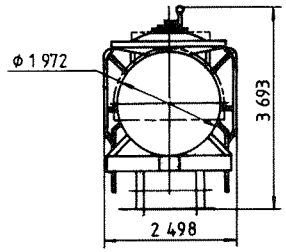
XFJ-1

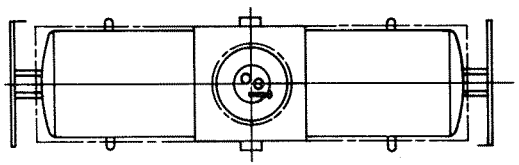
51

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller







Remarks
Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
34-011 501 / 34-012 052	1975

Converted from / Omskep van	Date / Datum
XF - 4	

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

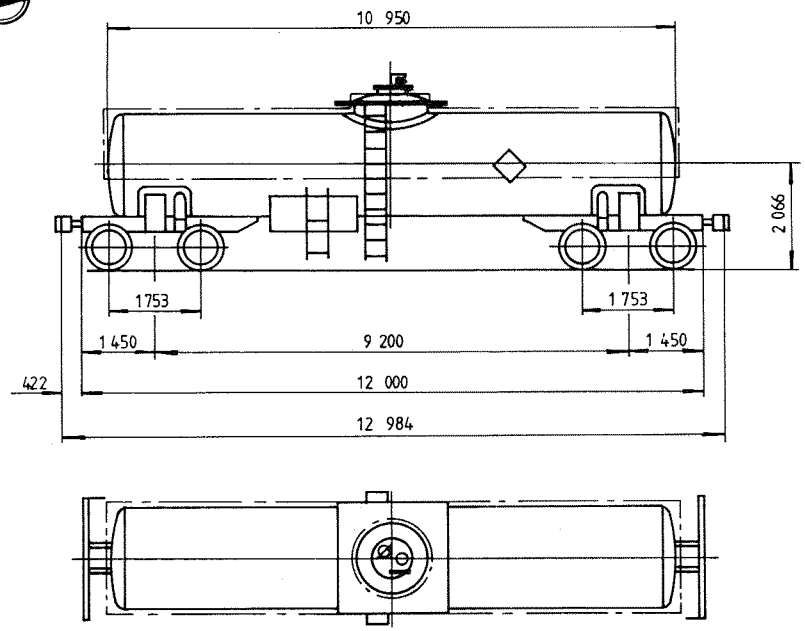
Drawing Number / Tekeningnommer	W.001 / V 009
Bogie Type / Draaisteltipe	SPOORBARBER
Bearing Size / Laergrootte	C
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 4
Brake System / Remstelsel	V / R
Brake Cylinders / Remsilinders	(V) 2 / 18 (L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 79,1 / 27,6 (L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR-SAS

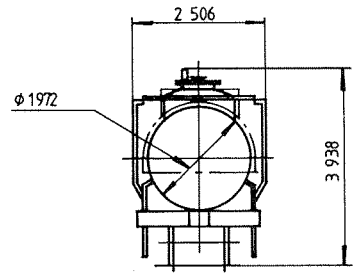
Centre of Gravity (Empty) / Swaartepunt (Leeg)	1136
Tank Material / Tenkmateriaal	BS. 1501-151 GR 28 A
Tank Lining / Tenkvoering	RUBBER
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	PHOSPHORIC ACID / FOSFORSUUR
Converted for / Omskep vir	
Revision / Hersiening	
Date / Datum	

Capacity (full) / Inhoudsvermoë (vol) l	24 660	Tare (Average) / Tarra (Gemiddeld) kg	20 900
Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
PHOSPHORIC ACID / FOSFORSUUR		24 660	38 940

XFJ - 4

52





Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

Remarks / Opmerkings :

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
34 - 500 006 / 34 - 502 181	1976 - 77

Converted from / Omskep van	Date / Datum

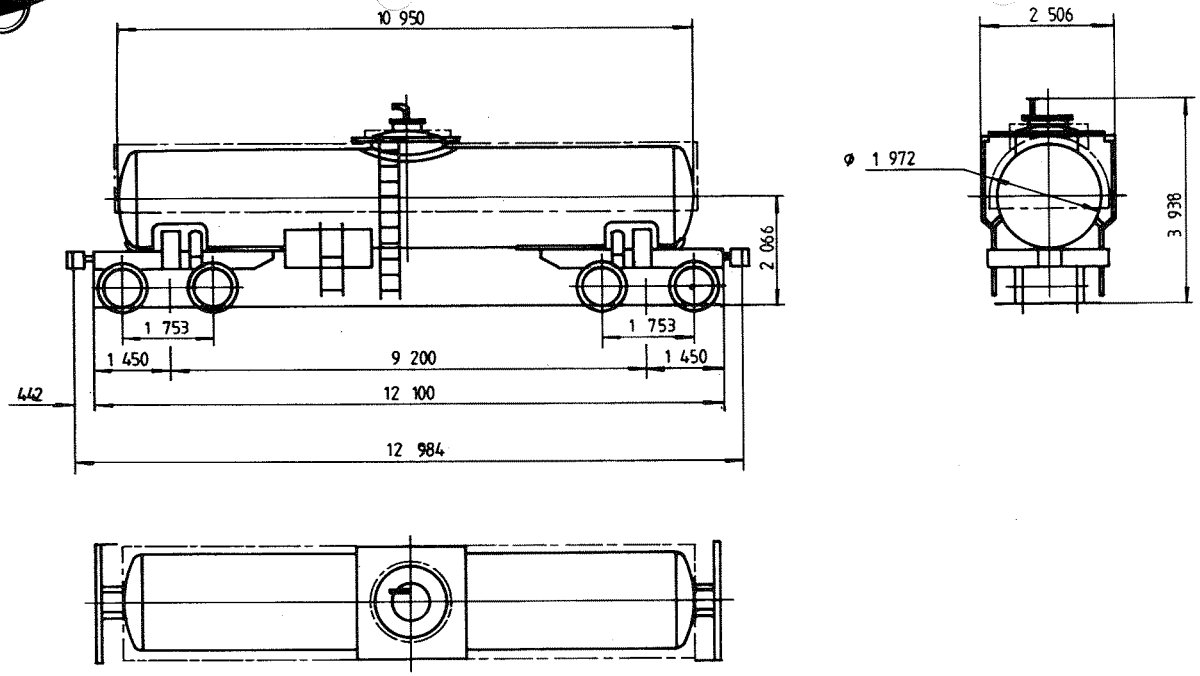
For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W.001 / V.013		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 090		Capacity (full) / Inhoudsvermoë (vol) l	32 650	Tare (Average) / Tarra (Gemiddeld) kg	23 350
Bogie Type / Draaisteltipe	SPOORBARBER					Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
Bearing Size / Laergrootte	D					PHOSPHORIC ACID / FOSFORSUUR		32 650	50 650
Springs per Bogie / Vere per Draaistel — Outer / Buite — Inner / Binne	10 × 10		Tank Material / Tenkmateriaal	BS 1501 - 151 GR 28 A					
Brake System / Remstelsel	V / D / M / R (AAR)		Tank Lining / Tenkvoering	RUBBER					
Brake Cylinders / Remsilinders	(V) 2 / 21	(L)	Design Limit - Mass on Rail / Ontwerplimiet - Massa op Spoor kg	74 000					
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	PHOSPHORIC ACID / FOSFORSUUR					
Brake Percentage / Rempersentasie — Empty / Loaded / Leeg / Met Vrag	(V) 62,8 / 39,9	(L)	Converted for / Omskep vir						
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		Revision / Hersiening						
Coupler / Yoke / Koppelaar / Juk	SÁSKOP - S / SAR - SAS		Date / Datum						

XFD - 5

53

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulliese kussinginrigting



Remarks
Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
34 - 500 561	1977
34 - 502 106	1977

Converted from / Omskep van	Date / Datum
XFD - 5	1983

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

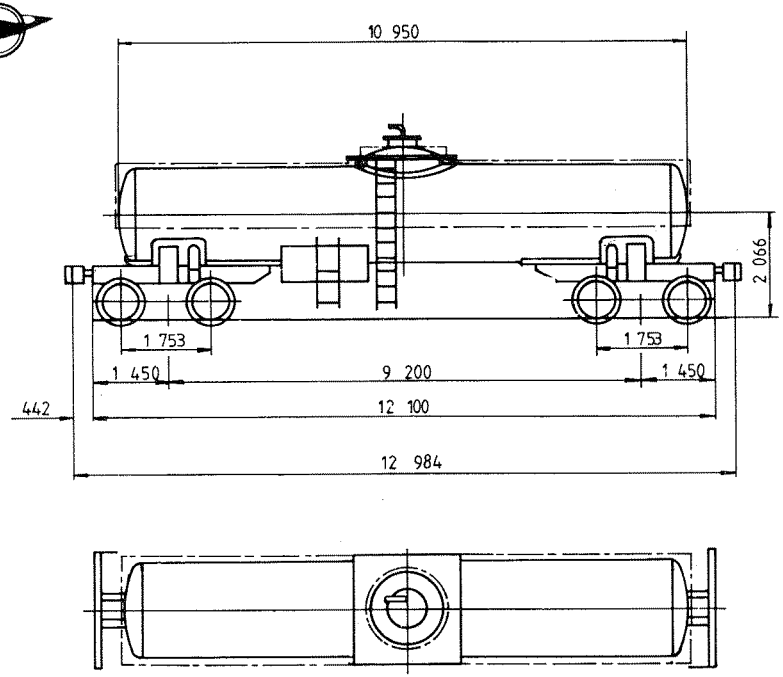
Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Drawing Number / Tekeningnommer	W. 001 / V013	
Bogie Type / Draaisteltipe	SPOORBARBER	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 10	
Brake System / Remstelsel	V / R	
Brake Cylinders / Remsilinders	(V) 1 / 21	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 68,1 / 21,2	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 090		Capacity (full) / Inhoudsvermoë (vol)	l	32 620	Tare (Average) / Tarra (Gemiddeld)	kg	23 090
			Contents / Inhoud			Capacity / Inhoudsvermoë	l	Mass / Massa kg
			MANGANESE SULFATE / MANGAANSULFAAT			32 620		50 910 MAX / MAKS
Tank Material / Tenkmateriaal	B S 1501 - 151 GR 28 A							
Tank Lining / Tenkvoering	RUBBER							
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000							
Originally designed for / Oorspronklik ontwerp vir	PHOSPHORIC ACID / FOSFORSUUR							
Converted for / Omskep vir								
Revision / Hersiening								
Date / Datum								

XFJ - 5

54



Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
34 - 600 000 / 34 - 600 183	1977
●34 - 600 191 / 34 - 600 272	1976/77
34 - 600 280 / 34 - 600 310	1977
●34 - 600 329	1977
34 - 600 337 / 34 - 600 892	1976/77
●34 - 600 906	1977
34 - 600 914	1977
●34 - 600 922	1977
34 - 600 930 / 34 - 601 973	1977
●34 - 600 981	1977
●34 - 601 015 / 34 - 601 082	1977
34 - 601 090 / 34 - 601 198	1977
●34 - 601 201	1977

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power – Manually operated / Tweekrag – Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Remarks
Opmerkings :-

For actual loads, capacities and ullages see drawing number CME 240/12 - A99
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer

Converted from Omskep van	Date Datum
XFD - 5	1983

Drawing Number Tekeningnommer	W. 001 / V 013
Bogie Type Draaisteltipe	SPOORBARBER ●HS MK VII
Bearing Size Laergrootte	D
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	10 / 10
Brake System Remstelsel	L / R
Brake Cylinders Remsilinders	(V) (L) 1 / 10 × 12
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) (L) 32
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) (L) 65,2 / 20,2
Drawgear Equipment Trekwerkuitrusting	AAR M901 E
Coupler / Yoke Koppelaar / Juk	ASKOP - S / SAR - SAS

Centre of Gravity (Empty) Swaartepunt (Leeg)	1 090
Tank Material Tenkmateriaal	B.S. 1501 - 151 GR 28 A
Tank Lining Tenkvoering	RUBBER
Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor	74 000
Originally designed for Oorspronklik ontwerp vir	PHOSPHORIC ACID FOSFORSUUR
Converted for Omskep vir	
Revision Hersiening	
Date Datum	

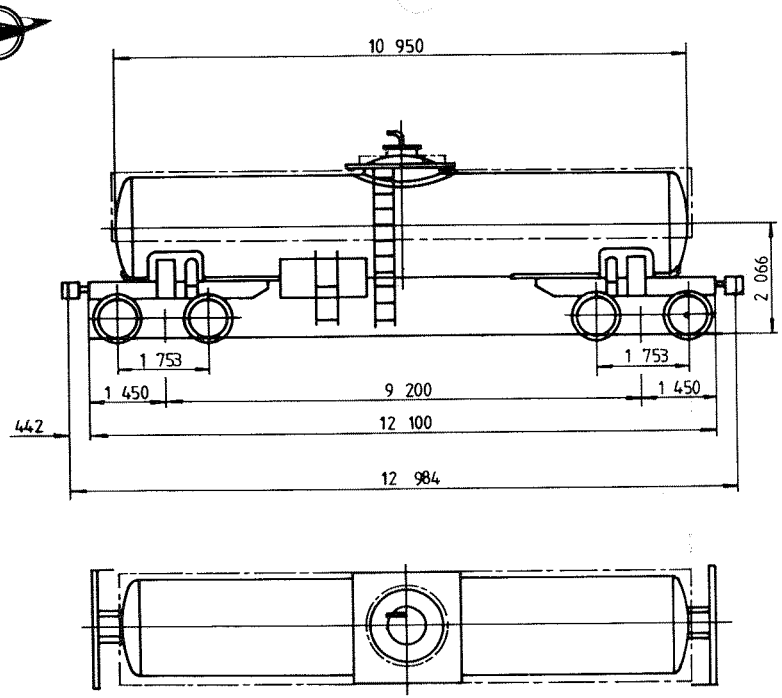
Capacity (full) l Inhoudsvermoë (vol)	32 610	Tare (Average) kg Tarra (Gemiddeld)	22 900
Contents Inhoud		Capacity l Inhoudsvermoë	Mass kg Massa
PHOSPHORIC ACID FOSFORSUUR		32 610	51 100 MAX MAKS

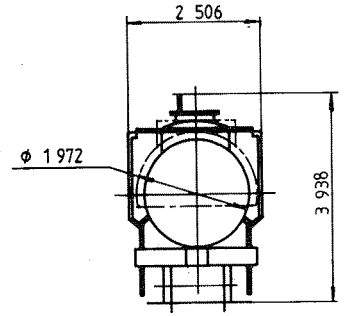
XFL - 5

55

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulièse kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulièse kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller





Remarks
Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
34 - 503 005 / 34 - 503 552	1976 / 77

Converted from / Omskep van	Date / Datum
XFD - 5	1982

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W.001 / V013	
Bogie Type / Draaisteltipe	SPOORBARBER	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 10	
Brake System / Remstelsel	V / L / R	
Brake Cylinders / Remsilinders	(V) 1 / 21	(L) 1/10 × 12
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 67,3 / 21,2	(L) 63,9 / 20,2
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 090
Tank Material / Tenkmateriaal	B.S. 1501 - 151 GR 28 A
Tank Lining / Tenkvoering	RUBBER
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	PHOSPHORIC ACID / FOSFORSUUR
Converted for / Omskep vir	
Revision / Hersiening	
Date / Datum	

Capacity (full) / Inhoudsvermoë (vol) L	32 610	Tare (Average) / Tarra (Gemiddeld) kg	23 370
Contents / Inhoud		Capacity / Inhoudsvermoë L	Mass / Massa kg
PHOSPHORIC ACID / FOSFORSUUR		32 610	50 630 MAX / MAKS

XFLJ - 5

56

Drawgear Equipment - Trekwerkuitrusting

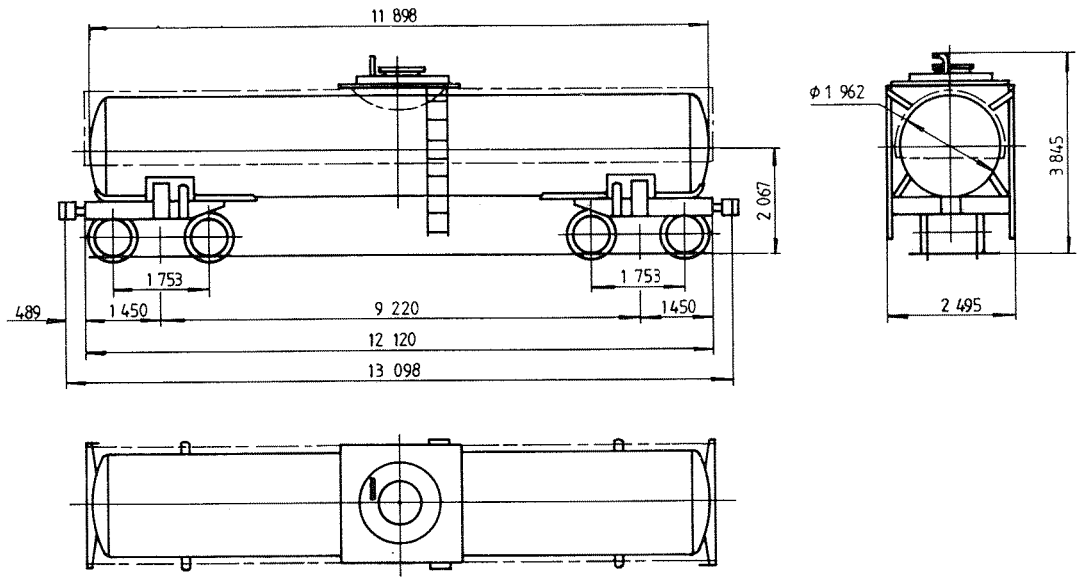
KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

A Dual Power - Automatic
Tweekrag - Outomaties
R Slack Adjuster
Remversteller

V Vacuum
Vakuum
L Air
Lug
D Dual Power - Manually operated
Tweekrag - Handbediening



Remarks
Opmerkings

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
34 - 504 001 / 34 - 505 083	1982 / 83

Converted from Omskep van	Date Datum

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number Tekeningnommer	W 001 / F 036	
Bogie Type Draaisteltipe	HS MK VII	
Bearing Size Laergrootte	D	
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	10 / 10	
Brake System Remstelsel	V/L/R	
Brake Cylinders Remsilinders	(V) 2 / 18	(L) 1 / 10 × 12
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L) 32
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 66,3 / 21,6	(L) 60 / 19,5
Drawgear Equipment Trekwerkuitrusting	AAR M 901 E	
Coupler / Yoke Koppelaar / Juk	SE /	

Centre of Gravity (Empty) Swaartepunt (Leeg)	1 243				
Tank Material Tenkmateriaal	SPEC CME 9 SYM 8 SPES SIM				
Tank Lining Tenkvoering	RUBBER				
Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor	80 000				
Originally designed for Oorspronklik ontwerp vir	PHOSPHORIC ACID FOSFORSUUR				
Converted for Omskep vir					
Revision Hersiening					
Date Datum					

Capacity (full) l Inhoudsvermoë (vol) l	34 780	Tare (Average) kg Tarra (Gemiddeld) kg	24 090
Contents Inhoud		Capacity l Inhoudsvermoë l	Mass kg Massa kg
PHOSPHORIC ACID FOSFORSUUR		31 460	49 910 MAX. MAKS.

XFLJ-6

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidroulliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

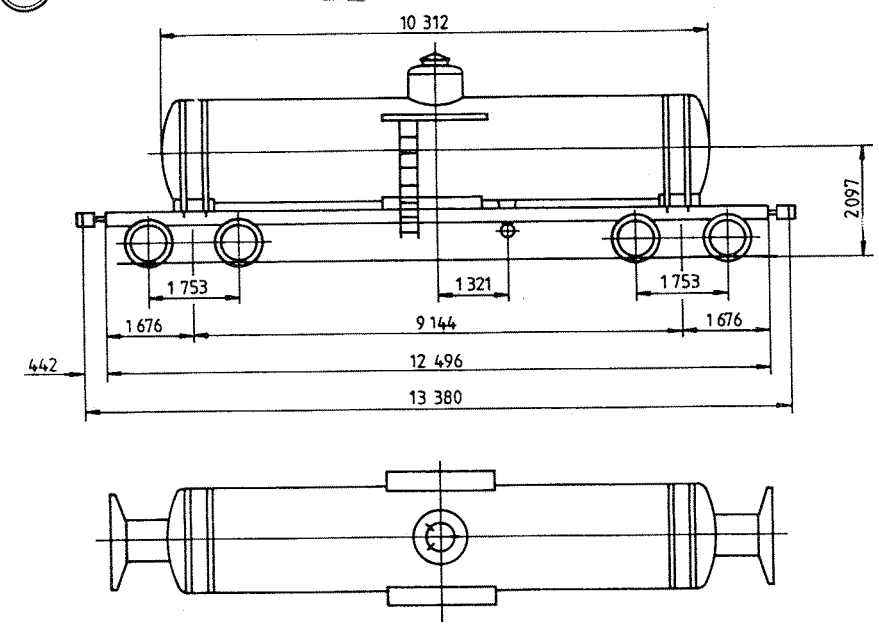
D Dual Power - Manually operated
Tweekrag - Handbediening

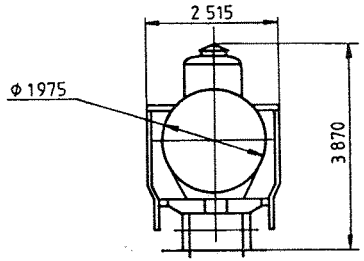
L Air
Lug

V Vacuum
Vakuum

A Dual Power - Automatic
Tweekrag - Outomaties

R Slack Adjuster
Remversteller





Vehicle Numbers / Voertuignommers		Placed in Service / In Gebruik Geneem
✱1	30 - 020 018 / 30 - 023 130	1954 - 56
✱2	30 - 023 149, 30 - 023 157	1938
✱3	30 - 023 165 / 30 - 023 211	1953
✱4	30 - 023 238, 30 - 023 246	1956-57

Remarks
Opmerkings

Converted from / Omskep van	Date / Datum
✱2 ✱3 : X - 17	1986
✱1 : X - 18	1987 -
✱4 : X - 20	1987

For actual loads, capacities and ullages see drawing number CME 240/12 - A99
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer

Drawing Number / Tekeningnommer	✱1 W.1/10982	✱2 W.1/9721	✱3, ✱4 W.1/10918
Bogie Type / Draaisteltipe	✱1, ✱3, ✱4 SARCAST	✱2 DIAMOND FRAME / RUITRAAM	
Bearing Size / Laergrootte	11 × 5 1/2		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	✱1 6/6	✱2 4 ELLIP	✱3, ✱4 6/0
Brake System / Remstelsel	V/R		
Brake Cylinders / Remsilinders	(V) 2/ 15	(L)	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (50)	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 61,6/23,8	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SA[illegible]P - S / SAR / SAS		

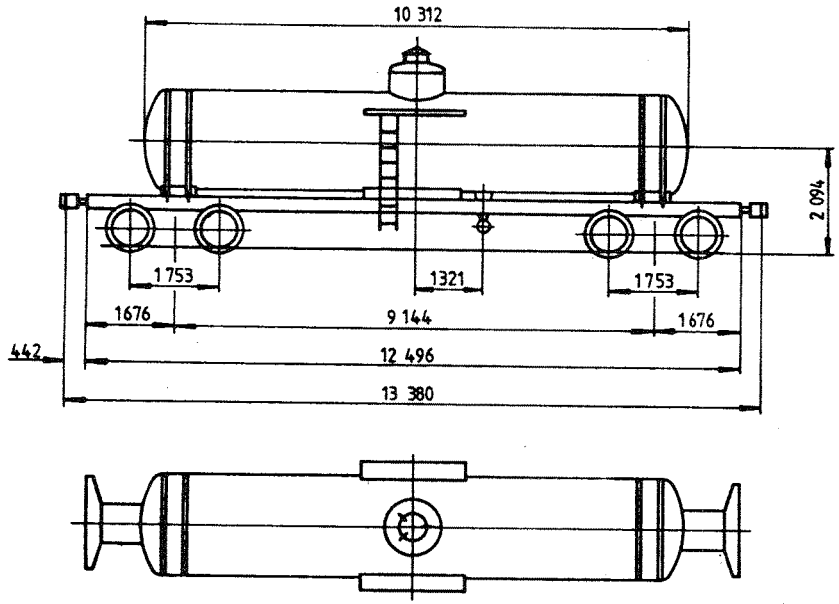
Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Tank Material / Tenkmateriaal	SPEC. CME 9, SYM. 8 / SPES. SIM.
Tank Lining / Tenkvoering	
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	
Originally designed for / Oorspronklik ontwerp vir	WATER TREACLE OIL / STROOP OLIE
Converted for / Omskep vir	
Revision / Hersiening	
Date / Datum	

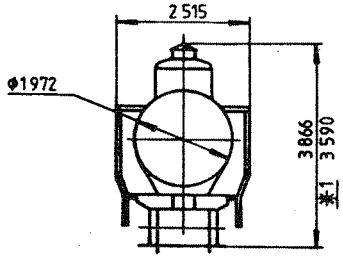
Capacity (full) / Inhoudsvermoë (vol)	l	30 890	Tare (Average) / Tarra (Gemiddeld)	kg	19 500
Contents / Inhoud			Capacity / Inhoudsvermoë	l	Mass / Massa kg
WATER			30 890		30 890
OIL / OLIE			30 890		29 350

XJ - 18

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
✱1 30-027 004 / 30-031 303	1958 - 61
✱1 30-031 370	1960
✱2 30-031 710 / 30-031 745	1959

Remarks / Opmerkings :- ✱1 Dome to drg. / Helm volgens tek. No. CME 3249 / 12 - 000
Discharge to drg. / Uitlaat volgens tek. No. CME 68/075016-C92

Converted from / Omskep van	Date / Datum
✱2 ✱1 X-21 (ex. XC-5, XS-5)	1986-87

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	CME 115/12-A21
Bogie Type / Draaisteltipe	SARCAST
Bearing Size / Laergrootte	11×5½
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6/6
Brake System / Remstelsel	V/R
Brake Cylinders / Remsilinders	(V) 2/15 (L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50) (L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 60,9 / 23,7 (L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR-SAS

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1051
Tank Material / Tenkmateriaal	SPEC. CME 9, SYM. SPES. SIM. B
Tank Lining / Tenkvoering	
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	
Originally designed for / Oorspronklik ontwerp vir	WATER TREACLE OIL / STROOP OLIE
Converted for / Omskep vir	

Revision / Hersiening					
Date / Datum					

Capacity (full) l / Inhoudsvermoë (vol) l	30 910	Tare (Average) kg / Tarra (Gemiddeld) kg	19 730
Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
WATER		30 910	30 910
OIL / OLIE		30 910	29 360
DIESEL OIL / DIESELOLIE		30 620	25 730

XJ-21

Drawgear Equipment - Trekwerkuitrusting

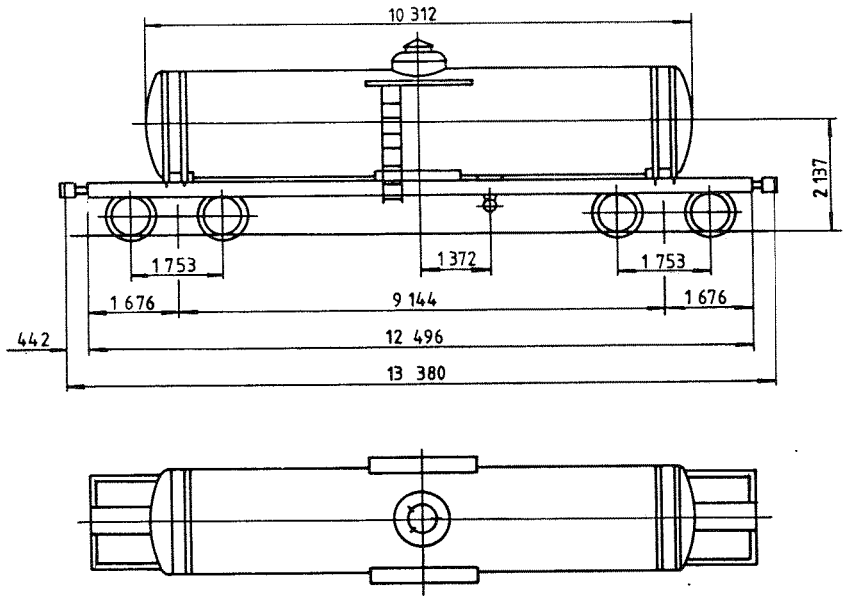
KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

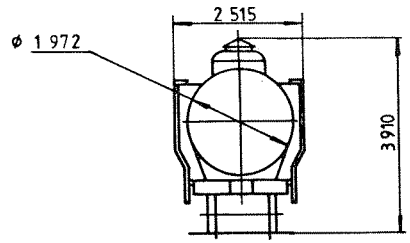
SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

A Dual Power - Automatic
Tweekrag - Outomaties
Slack Adjuster
R Remversteller

V Vacuum
Vakuum
L Air
Lug
D Dual Power - Manually operated
Tweekrag - Handbediening





Remarks
Opmerkings :-

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
30-032 008 / 30-032 385	1964

Converted from Omskep van	Date Datum
X-22	1985-86

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12-A99

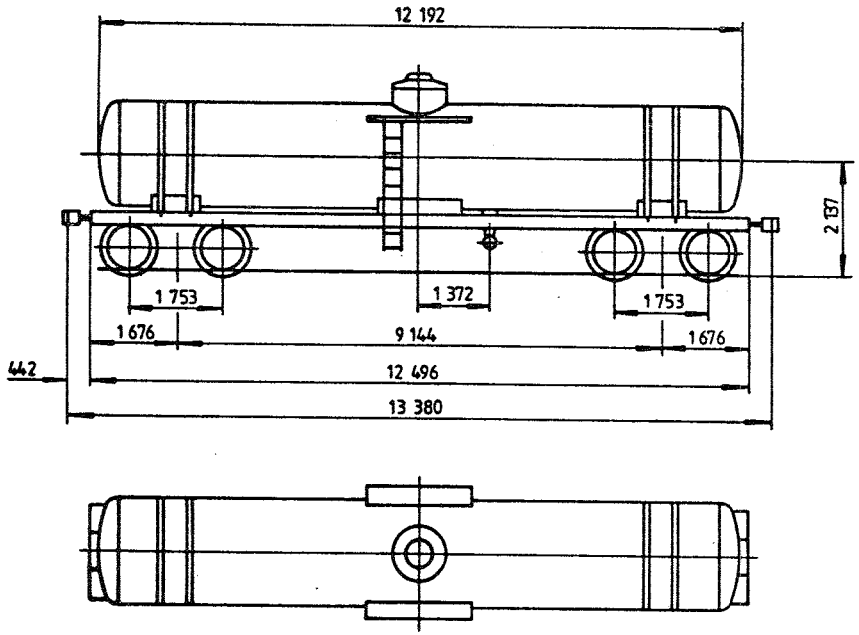
Drawing Number Tekeningnommer	CME 136/12-A21
Bogie Type Draaisteltipe	SARCAST
Bearing Size Laergrootte	11 × 5½
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	6 / 6
Brake System Remstelsel	V/R
Brake Cylinders Remsilinders	(V) 2/15 (L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 72,6/23,1 (L)
Drawgear Equipment Trekwerkuitrusting	AAR M901 E
Coupler / Yoke Koppelaar / Juk	SA[illegible]-S / SAR-SAS

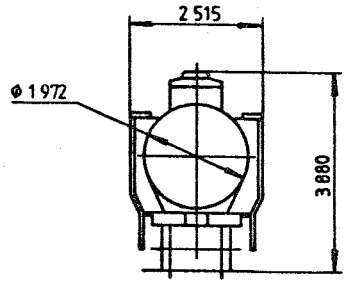
Centre of Gravity (Empty) Swaartepunt (Leeg)			Capacity (full) Inhoudsvermoë (vol)	30 830	Tare (Average) kg Tarra (Gemiddeld) kg	20 180
			Contents Inhoud		Capacity Inhoudsvermoë	Mass Massa kg
			WATER		30 830	30 830
Tank Material Tenkmateriaal	SPEC SPES CME 9 SYM SIM 8		OIL OLIE		30 830	29 290
Tank Lining Tenkvoering						
Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor						
Originally designed for Oorspronklik ontwerp vir	WATER TREACLE STROOP OIL OLIE					
Converted for Omskep vir						
Revision Hersiening	1	2				
Date Datum	86-01-31	86-12-19				

XJ-22

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middeltalk hidroulliese kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening





Remarks
Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
30 - 034 000 / 30 - 036 100	1965 - 66

Converted from / Omskep van	Date / Datum
X-24	1986

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

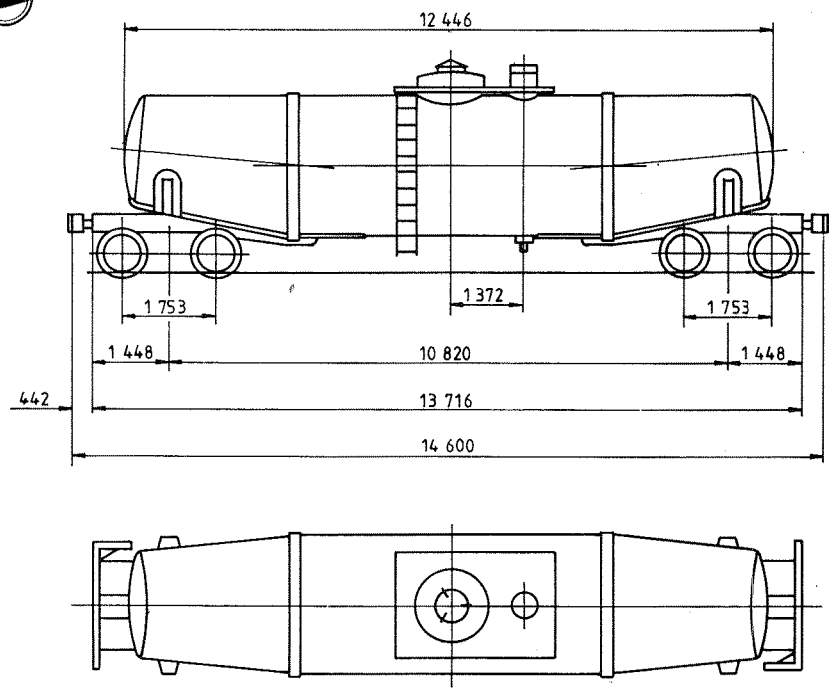
Drawing Number / Tekeningnommer	CME 143 / 12 - A21
Bogie Type / Draaisteltipe	SARCAST
Bearing Size / Laergrootte	11 × 5 1/2
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6/6
Brake System / Remstelsel	V/R
Brake Cylinders / Remsilinders	(V) 2 / 15 (L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 62,3/23,2 (L)
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS

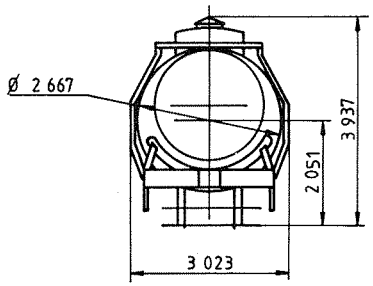
Centre of Gravity (Empty) / Swaartepunt (Leeg)						
Tank Material / Tenkmateriaal	SPEC. CME 9, SYM. 8 / SPES. SIM.					
Tank Lining / Tenkvoering						
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor						
Originally designed for / Oorspronklik ontwerp vir	WATER OIL / OLIE					
Converted for / Omskep vir						
Revision / Hersiening						
Date / Datum						

Capacity (full) / Inhoudsvermoë (vol) L	36 370	Tare (Average) / Tarra (Gemiddeld) kg	21 550
Contents / Inhoud		Capacity / Inhoudsvermoë L	Mass / Massa kg
WATER		36 370	36 370
OIL / OLIE		36 370	34 550

XJ-24

52





Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remsteelsel
A Dual Power - Automatic Tweekrag - Outomaties
R Slack Adjuster Remversteller
V Vacuum Vakuum
L Air Lug
D Dual Power - Manually operated Tweekrag - Handbediening

Remarks
Opmerkings :

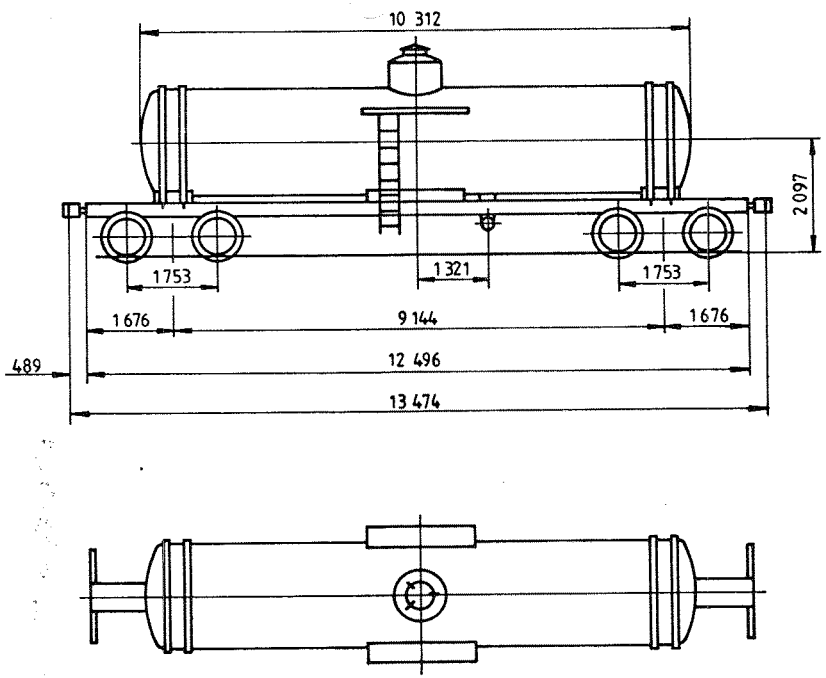
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
35 - 500 077	1969
35 - 500 018 / 35 - 500 069	1971-72

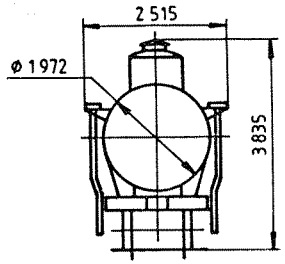
Converted from / Omskep van	Date / Datum
XPD - 14	1979
XPD - 15	1971 - 78

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W. 1/20076 W. 001/ D005		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 410 1342	Capacity (full) / Inhoudsvermoë (vol) L	61 730	Tare (Average) / Tarra (Gemiddeld) kg	24 700
Bogie Type / Draaisteltipe	SPOORBARBER				Contents / Inhoud		Capacity / Inhoudsvermoë L	Mass / Massa kg
Bearing Size / Laergrootte	D				HEXANE HEKSAAN		60 950	40 190
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	10/8		Tank Material / Tenkmateriaal	SPEC. CME 9 SYM. 8 SPES. SIM.				
Brake System / Remstelsel	V/D/M V/D/M/R		Tank Lining / Tenkvoering					
Brake Cylinders / Remsilinders	(V) 4 / 18	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000				
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	PETROL				
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 58,3 / 43,1	(L)	Converted for / Omskep vir	HEXANE HEKSAAN				
Drawgear Equipment / Trekwerkuitrusting	AAR M901 - E		Revision / Hersiening					
Coupler / Yoke / Koppelaar / Juk	SASK[illegible]S / SAR - SAS		Date / Datum					

XMD - 4





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
✱1 35 - 012 021; 35-012 056; 35 - 012 080 / 35-012 102	1958 - 59
✱2 35 - 012 013; 35 - 012 048; 35 - 012 064	1958 - 59
✱3 35 -012 110 / 35 -012 218	1960 - 61

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

XMJ-3

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

Remarks / Opmerkings :

For actual loads, capacities and ullages see drawing number CME 240/12 - A99
Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer ✱3

Converted from / Omskep van	Date / Datum
✱1 XM-6 ex. ou. XZ-2	
✱2 XM-6 ex. ou. XZ-2 (orig. oorspr. X-21)	
XM-6 ex. ou. X-21 (orig. oorspr. XS-5)	

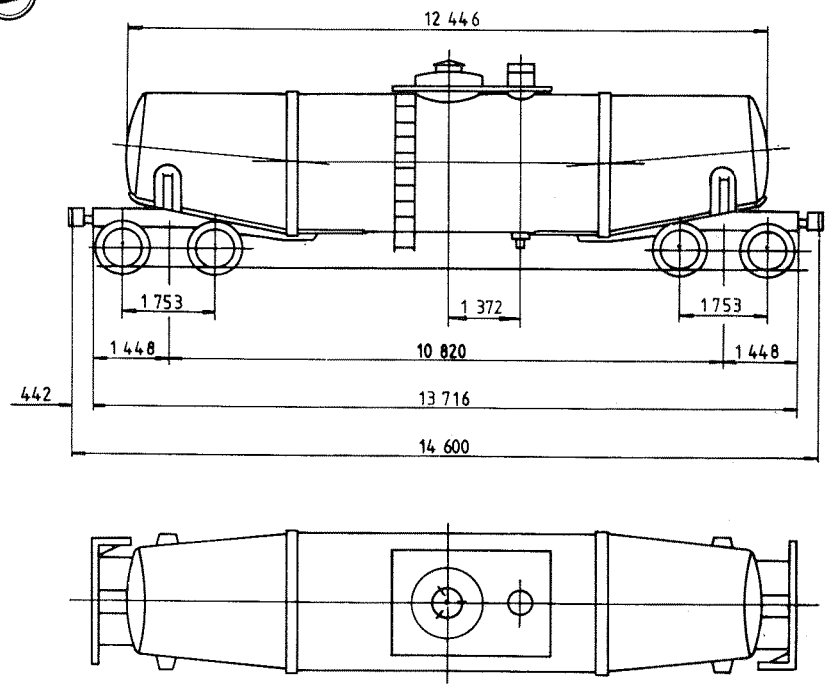
Drawing Number / Tekeningnommer	CME 115 / 12 - A21
Bogie Type / Draaisteltipe	SARCAST
Bearing Size / Laergrootte	11 × 5 1/2
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6/6
Brake System / Remstelsel	V/R
Brake Cylinders / Remsilinders	(V) 2/15 (L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (50) (L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 64,85/22,97 (L)
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E
Coupler / Yoke / Koppelaar / Juk	SE/E

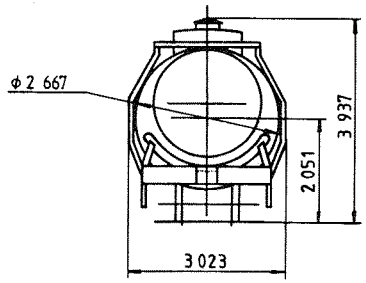
Centre of Gravity (Empty) / Swaartepunt (Leeg)			1051		
Tank Material / Tenkmateriaal			SPEC. CME 9, SYM. 8 / SPES. SIM.		
Tank Lining / Tenkvoering					
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor					
Originally designed for / Oorspronklik ontwerp vir			WATER TREACLE STROOP OIL OLIE		
Converted for / Omskep vir			CAUSTIC SODA EFFLUENT / BYTSODA - AFVAL		
Revision / Hersiening					
Date / Datum					

Capacity (full) / Inhoudsvermoë (vol) l	30 850	Tare (Average) / Tarra (Gemiddeld) kg	19 500
Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
CAUSTIC SODA EFFLUENT / BYTSODA - AFVAL	30 610		35 550

XMJ-3

59





Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

V Vacuum / Vakuum

L Air / Lug

D Dual Power - Manually operated / Tweekrag - Handbediening

A Dual Power - Automatic / Tweekrag - Outomaties

R Slack Adjuster / Remversteller

Remarks / Opmerkings :

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
◒ 35 - 500 077	1969
◓ 35 - 500 018 / 35 - 500 069	1971-72

Converted from / Omskep van	Date / Datum
XMD-4 (◒ XPD-14 / ◓ XPD-15)	1982 –

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12-A99

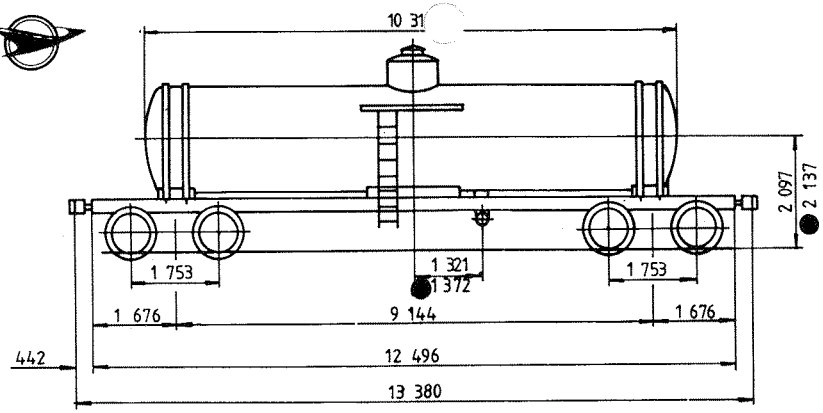
Drawing Number / Tekeningnommer	◒ W 1/20076 / ◓ W 001/D005		
Bogie Type / Draaisteltipe	SPOORBARBER		
Bearing Size / Laergrootte	D		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/8		
Brake System / Remstelsel	◒ V / ◓ V/R		
Brake Cylinders / Remsilinders	(V) 2/18	(L)	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	◒ (V) 64,6/24,6 / ◓ 58,8/22,4	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR-SAS		

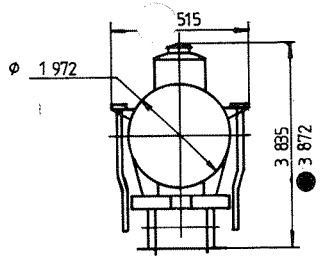
Centre of Gravity (Empty) / Swaartepunt (Leeg)	◒ 1410 / ◓ 1342					
Tank Material / Tenkmateriaal	SPEC. CME 9 / SPES.	SYM. 8 / SIM.				
Tank Lining / Tenkvoering						
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000					
Originally designed for / Oorspronklik ontwerp vir	PETROL					
Converted for / Omskep vir	HEXANE / HEKSAAN					
Revision / Hersiening						
Date / Datum						

Capacity (full) / Inhoudsvermoë (vol) l	61 730	Tare (Average) / Tarra (Gemiddeld) kg	24 700
Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
HEXANE / HEKSAAN		60 950	40 190

XMJ-4

61





Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
35 - 014 008 / 35 - 014 334	1955 - 67

Converted from Omskep van	Date Datum
XZ - 2 (ex. X - 18, X - 21)	1976
● XZ - 3 (ex. X - 25)	1976

Remarks
Opmerkings :-

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

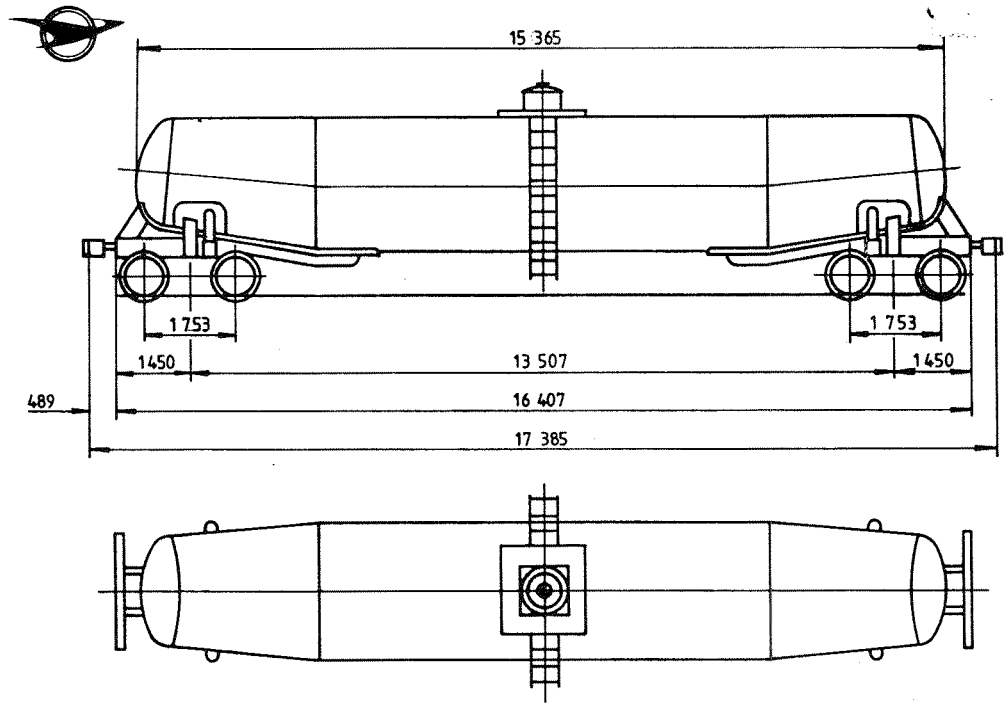
Drawing Number / Tekeningnommer		● CME 115/12 - A21 ● CME 152/12 - A21	
Bogie Type / Draaisteltipe		SARCAST	
Bearing Size / Laergrootte		11 × 5 1/2	
Springs per Bogie / Vere per Draaistel	Outer / Inner Buite / Binne	6 / 6 ● 8 / 0	
Brake System / Remstelsel		V	
Brake Cylinders / Remsilinders		(V) 2/18	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp		(V) 65 (50)	(L)
Brake Percentage / Rempersentasie	Empty / Loaded Leeg / Met Vrag	(V) 86,2/30,5 ● 88,3/32,8	(L)
Drawgear Equipment / Trekwerkuitrusting		AAR M 901 E	
Coupler / Yoke Koppelaar / Juk		SASKOP - S / SAR - SAS	

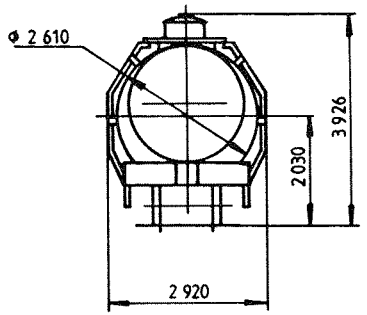
Centre of Gravity (Empty) Swaartepunt (Leeg)					
Tank Material / Tenkmateriaal		SPEC CME 9 SYM 8 SPES SIM			
Tank Lining / Tenkvoering					
Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor					
Originally designed for Oorspronklik ontwerp vir		WATER TREACLE OIL STROOP OLIE			
Converted for Omskep vir		CAUSTIC SODA EFFLUENT BYTSODA - AFVAL			
Revision / Hersiening					
Date / Datum					

Capacity (full) l Inhoudsvermoë (vol) l	30 910	Tare (Average) kg Tarra (Gemiddeld) kg	19 500 ● 21 010
Contents Inhoud		Capacity l Inhoudsvermoë l	Mass kg Massa kg
CAUSTIC SODA EFFLUENT BYTSODA - AFVAL		30 910	35 550
● CAUSTIC SODA BYTSODA		29 110	46 570

XM - 6

62A





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
35 - 016 213 / 35 - 016 434	1985
*1 35 - 600 004 / 35 - 600 276	1983 - 84

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Remarks / Opmerkings

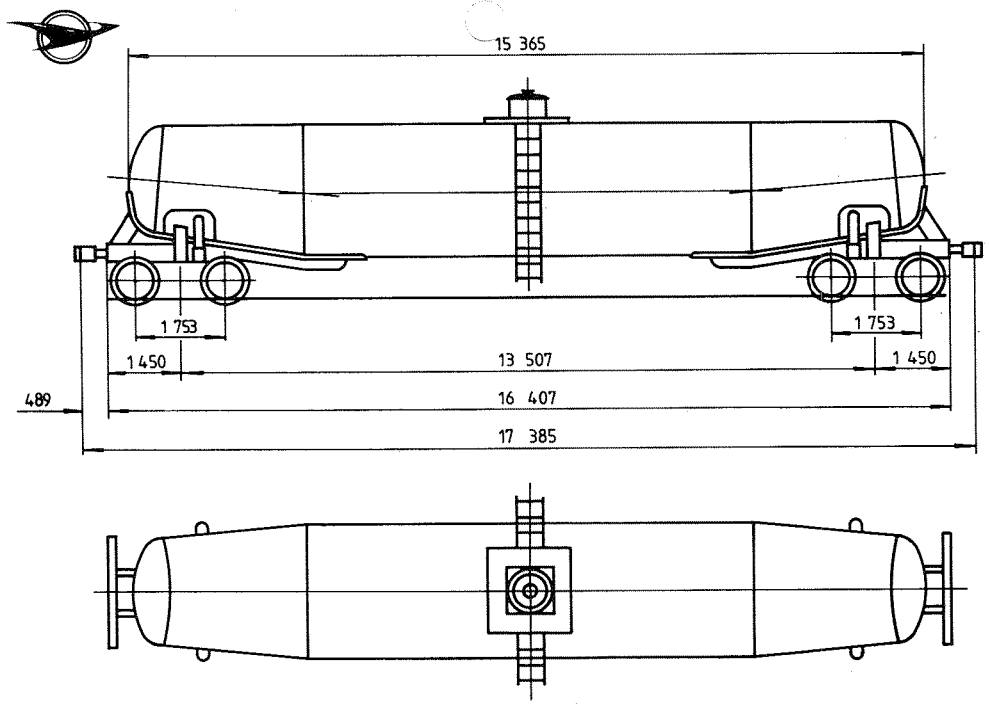
Converted from / Omskep van	Date / Datum
*1 XMLJ - 9	1986-87

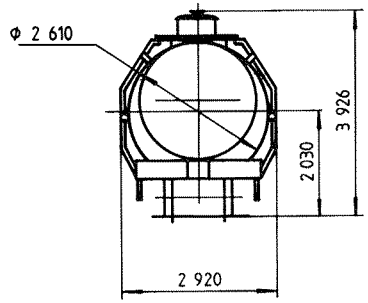
For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W.001 / D 075		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1505	Capacity (full) / Inhoudsvermoë (vol) L	73 620	Tare (Average) / Tarra (Gemiddeld) kg	32 200
Bogie Type / Draaisteltipe	H.S. MK. VII				Contents / Inhoud		Capacity / Inhoudsvermoë L	Mass / Massa kg
Bearing Size / Laergrootte	D				BUTADIENE / BUTADIEEN		67 290	41 800
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10		Tank Material / Tenkmateriaal	A.S.T.M. A516 GR. 70				
Brake System / Remstelsel	V/R		Tank Lining / Tenkvoering					
Brake Cylinders / Remsilinders	(V) 2/18	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000				
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	BUTADIENE / BUTADIEEN				
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 46,7 / 20,3	(L)	Converted for / Omskep vir					
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening	1				
Coupler / Yoke / Koppelaar / Juk	/E		Date / Datum	86-12-19				

XMJ-9

63





Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulïese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulïese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Remarks / Opmerkings :

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
35 - 600 004 / 35 - 600 276	1983 - 84

Converted from / Omskep van	Date / Datum

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W. 001 / D075	
Bogie Type / Draaisteltipe	H.S. MK. VII	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 10	
Brake System / Remstelsel	V/L/R	
Brake Cylinders / Remsilinders	(V) 2/18	(L) 1/10 ×12
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) 32
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 46,5 / 20,3	(L) 44,4 / 19,4
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E	
Coupler / Yoke / Koppelaar / Juk	SE/E	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 505				
Tank Material / Tenkmateriaal	A.S.T.M. A516 GR.70				
Tank Lining / Tenkvoering					
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000				
Originally designed for / Oorspronklik ontwerp vir	BUTADIENE BUTADIEEN				
Converted for / Omskep vir					
Revision / Hersiening					
Date / Datum					

Capacity (full) / Inhoudsvermoë (vol) l	73 740	Tare (Average) / Tarra (Gemiddeld) kg	32 320
Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
BUTADIENE BUTADIEEN		67 110	41 680

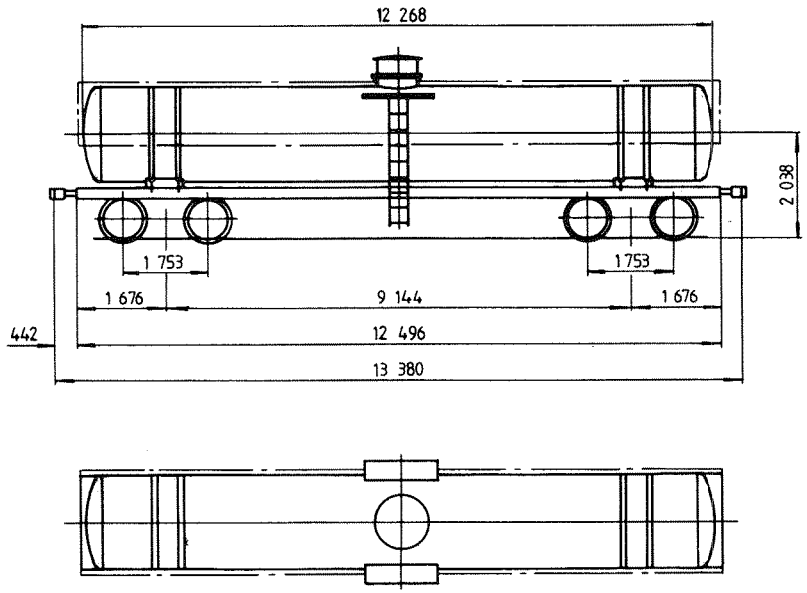
XMLJ - 9

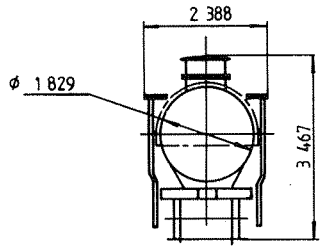
64

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

XAA -1





Remarks
Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
36 - 010 006 / 36 - 010 308	1951 - 61

Converted from / Omskep van	Date / Datum

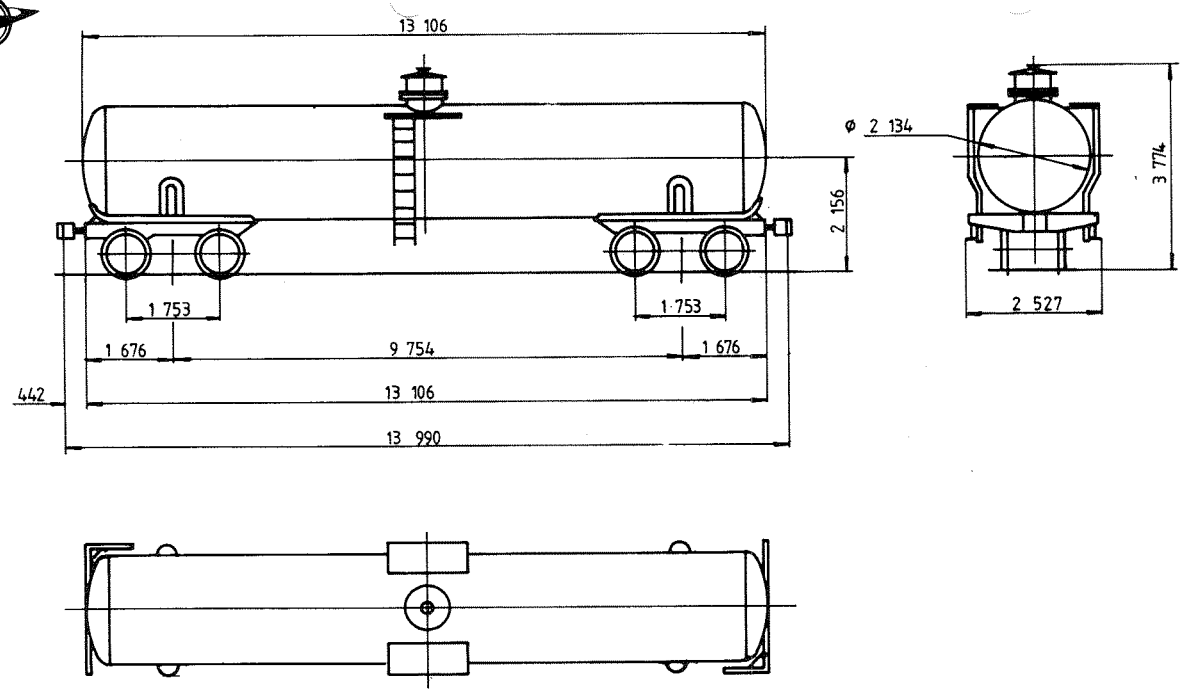
For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W.1 / 10833	
Bogie Type / Draaisteltipe	DIAM FRAME RUITRAAM	SARCAST
Bearing Size / Laergrootte	11× 5 1/2	11× 5 1/2
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	4 ELLIP	6 / 0
Brake System / Remstelsel	V	
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (50)	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 74,8 / 49,3	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 359		Capacity (full) / Inhoudsvermoë (vol) L	30 910	Tare (Average) / Tarra (Gemiddeld) kg	32 300
			Contents / Inhoud		Capacity / Inhoudsvermoë L	Mass / Massa kg
			ANHYDROUS AMMONIA / WATERVRY AMMONIAK		27 600	16 750
Tank Material / Tenkmateriaal	SPEC / SPES CME 9	SYM / SIM 6				
Tank Lining / Tenkvoering						
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor						
Originally designed for / Oorspronklik ontwerp vir	ANHYDROUS AMMONIA / WATERVRY AMMONIAK					
Converted for / Omskep vir						
Revision / Hersiening						
Date / Datum						

XN - 1

65



Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

XAA-2

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remverstelter

Remarks / Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
36 - 011 002 / 36 - 012 319	1967

Converted from / Omskep van	Date / Datum

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

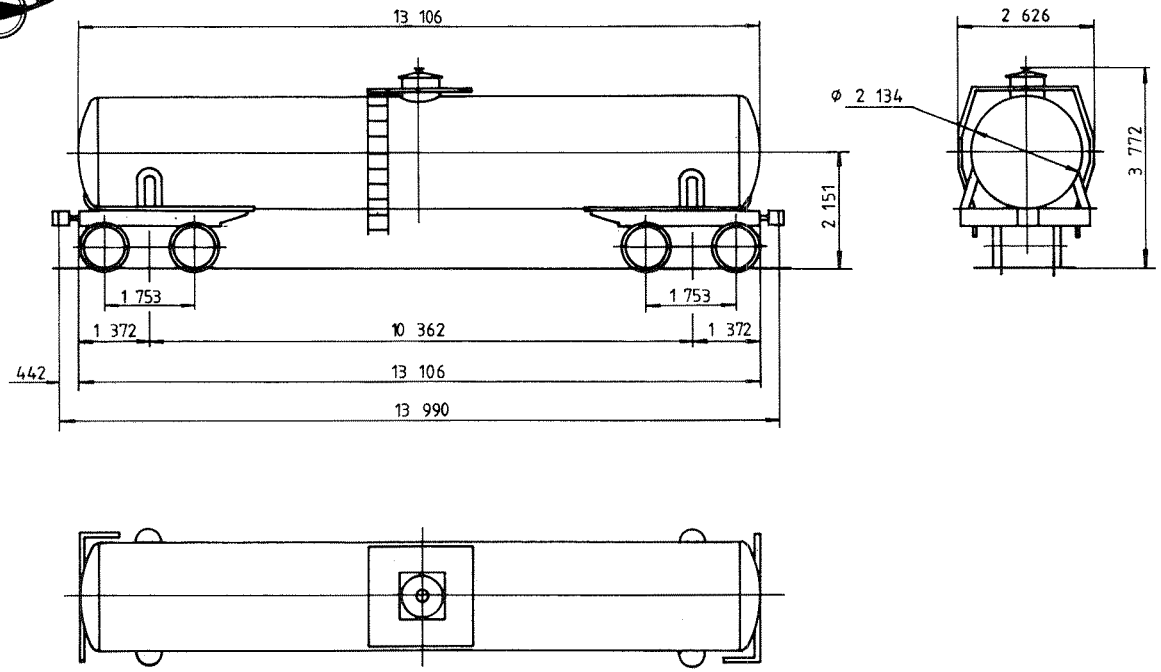
Drawing Number / Tekeningnommer	W.1 / 20036	
Bogie Type / Draaisteltipe	SARCAST	
Bearing Size / Lagergrootte	11 x 5 1/2	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	8 / 8	
Brake System / Remstelsel	V	
Brake Cylinders / Remsilinders	(V) 2 / 21	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 81,5 / 41,8	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 366				
Tank Material / Tenkmateriaal	B.S. 1501-151 GR 28A				
Tank Lining / Tenkvoering					
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor					
Originally designed for / Oorspronklik ontwerp vir	ANHYDROUS AMMONIA / WATERVRY AMMONIAK				
Converted for / Omskep vir					
Revision / Hersiening					
Date / Datum					

Capacity (full) / Inhoudsvermoë (vol) l	45 460	Tare (Average) / Tarra (Gemiddeld) kg	27 260
Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
ANHYDROUS AMMONIA / WATERVRY AMMONIAK		42 600	25 860

XN-2

66



Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

XAA-3

Brake System - Remstelsel
A. Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

Remarks / Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
36 - 013 005 / 36 - 013 544	1970

Converted from / Omskep van	Date / Datum

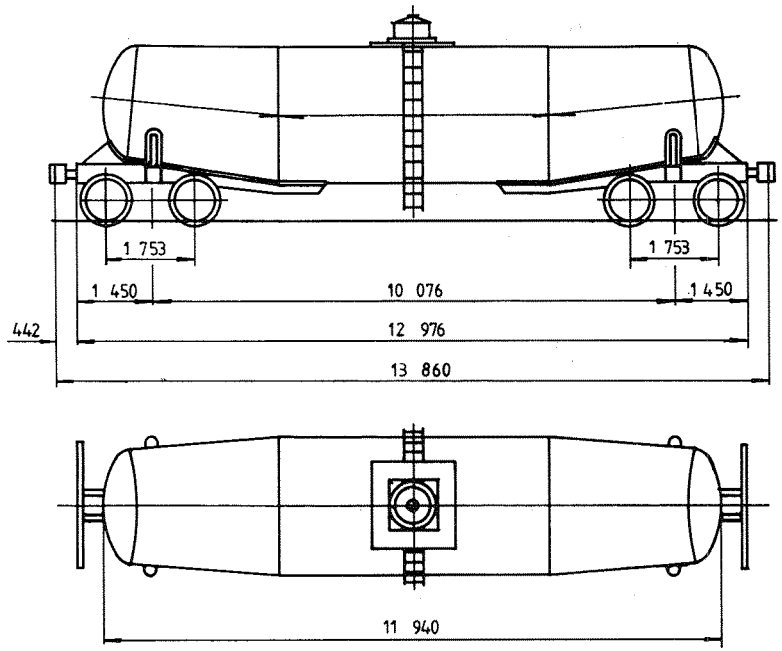
For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

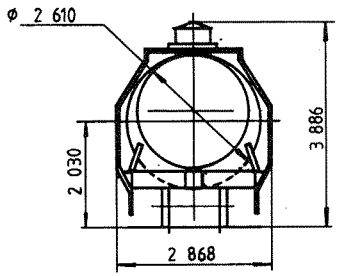
Drawing Number / Tekeningnommer	W.001 / A 001		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 321	Capacity (full) / Inhoudsvermoë (vol)	l	45 460	Tare (Average) / Tarra (Gemiddeld)	kg 26 330
Bogie Type / Draaisteltipe	SPOORBARBER				Contents / Inhoud			Capacity / Inhoudsvermoë	l Mass / Massa kg
Bearing Size / Laergrootte	C				ANHYDROUS AMMONIA / WATERVRY AMMONIAK			42 600	25 860
Springs per Bogie / Vere per Draaistel — Outer / Buite — Inner / Binne	10 / 2		Tank Material / Tenkmateriaal	B.S. 1501 - 151 GR 28 A					
Brake System / Remstelsel	V		Tank Lining / Tenkvoering						
Brake Cylinders / Remsilinders	(V) 2 / 21	(L)	Design Limit - Mass on Rail / Ontwerplimiet - Massa op Spoor	kg 60 000					
Train Pipe / Treinpyp — Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	ANHYDROUS AMMONIA / WATERVRY AMMONIAK					
Brake Percentage — Empty / Loaded / Rempersentasie — Leeg / Met Vrag	(V) 90 / 45,4	(L)	Converted for / Omskep vir						
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening						
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum						

XN-3

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
36 - 013 560 / 36 - 013 765	1972

Converted from / Omskep van	Date / Datum

Remarks / Opmerkings :-

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W.001 / V007		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1.361			Capacity (full) / Inhoudsvermoë(vol)	l 55 330	Tare (Average) / Tarra(Gemiddeld) kg 26 800
Bogie Type / Draaisteltipe	SPOORBARBER						Contents / Inhoud		Capacity / Inhoudsvermoë l — Mass / Massa kg
Bearing Size / Laergrootte	C						ANHYDROUS AMMONIA / WATERVRY AMMONIAK		51 960 — 31 540
Springs per Bogie / Vere per Draaistel — Outer / Buite — Inner / Binne	10 / 4		Tank Material / Tenkmateriaal	A.S.T.M. A516 GR.70					
Brake System / Remstelsel	V / R		Tank Lining / Tenkvoering						
Brake Cylinders / Remsilinders	(V) 2 / 21	(L)	Design Limit - Mass on Rail / Ontwerplimiet - Massa op Spoor kg	60 000					
Train Pipe / Treinpyp — Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	ANHYDROUS AMMONIA / WATERVRY AMMONIAK					
Brake Percentage — Empty / Loaded / Rempersentasie — Leeg / Met Vrag	(V) 72,66 / 33,38	(L)	Converted for / Omskep vir						
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening						
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum						

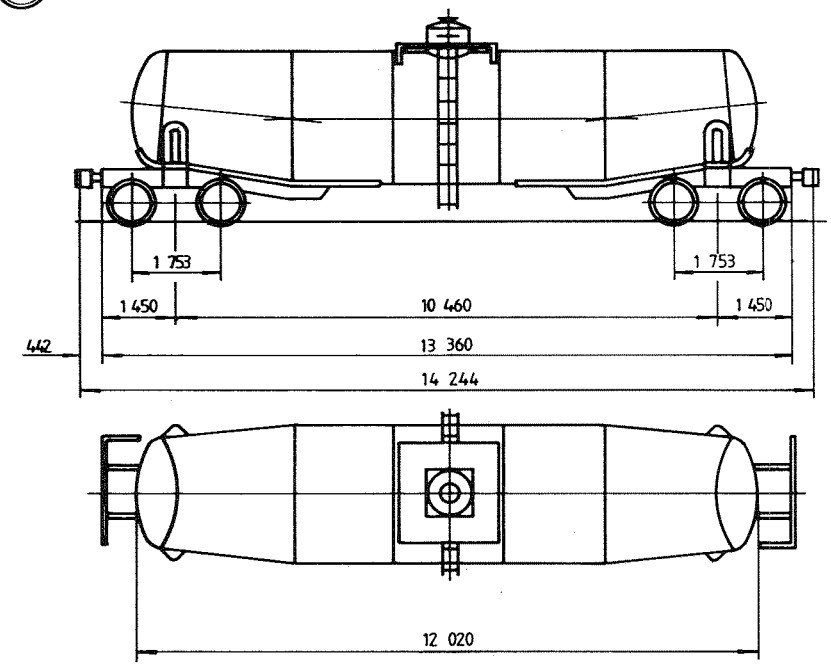
XN - 4

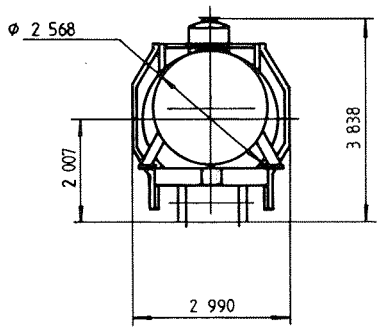
68

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulliese kussinginrigting

Brake System - Remstelsel
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening





Remarks
Opmerkings :

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

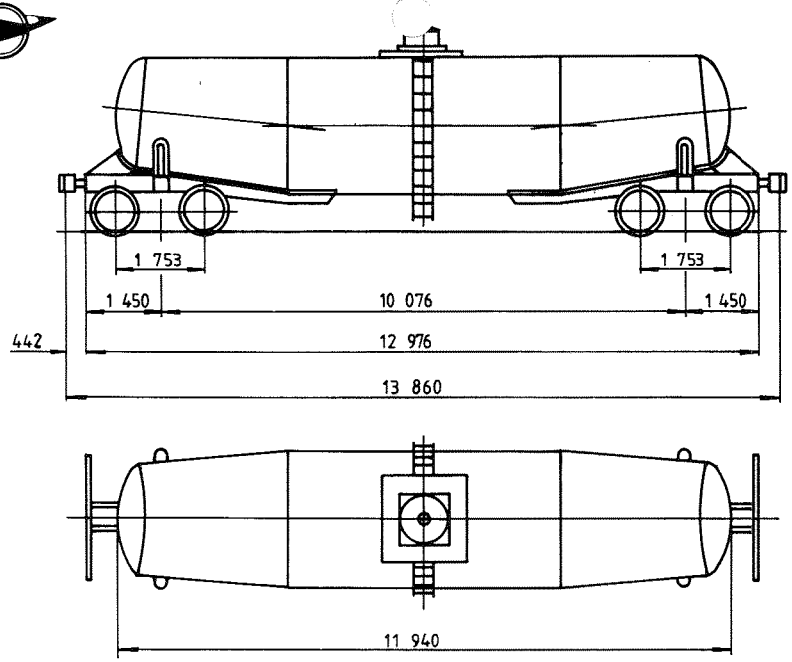
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
36 - 013 773 / 36 - 014 591	1973 / 74

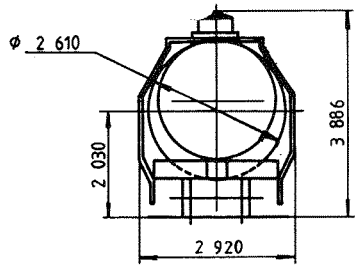
Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	W.001 / M002		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 267	Capacity (full) / Inhoudsvermoë(vol) l	54 100	Tare (Average) / Tarra(Gemiddeld) kg	25 800
Bogie Type / Draaisteltipe	SPOORBARBER				Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
Bearing Size / Laergrootte	C				ANHYDROUS AMMONIA / WATERVRY AMMONIAK		50 750	30 800
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 4		Tank Material / Tenkmateriaal	A.S.T.M. A 516 GR 70				
Brake System / Remstelsel	V / R		Tank Lining / Tenkvoering					
Brake Cylinders / Remsilinders	(V) 2 / 21	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000				
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	ANHYDROUS AMMONIA / WATERVRY AMMONIAK				
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 67,8 / 30,9	(L)	Converted for / Omskep vir					
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening					
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum					

XN - 5

69





Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
36 - 014 605 / 36 - 015 415	1977 - 78

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Remarks
Opmerkings :-

Converted from Omskep van	Date Datum

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

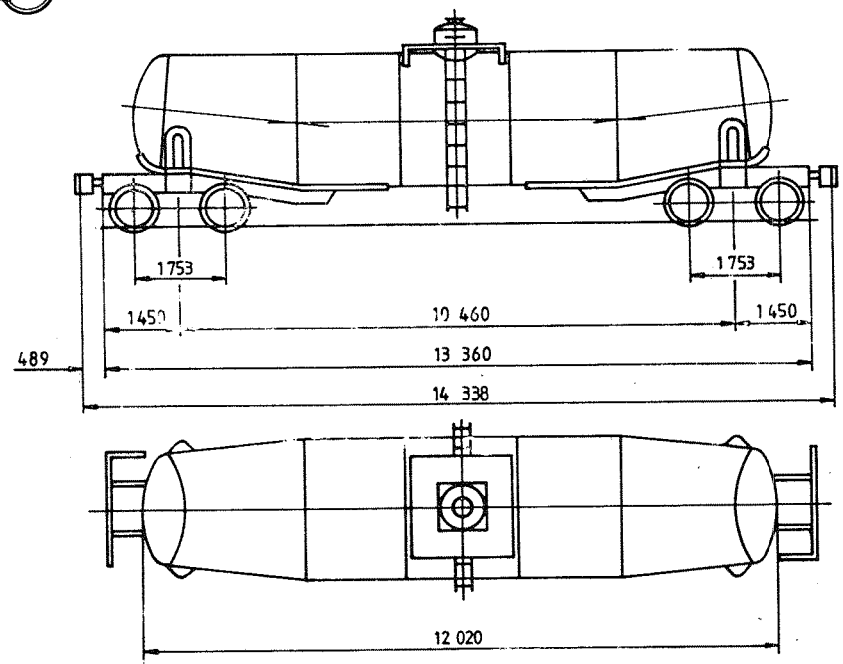
Drawing Number Tekeningnommer	W.001 / N001		Centre of Gravity (Empty) Swaartepunt (Leeg)	1 339		Capacity (full) Inhoudsvermoë (vol)	l 55 470	Tare (Average) Tarra (Gemiddeld)	kg 27 480
Bogie Type Draaisteltipe	H.S MK III					Contents Inhoud		Capacity Inhoudsvermoë	l Mass Massa kg
Bearing Size Laergrootte	D					ANHYDROUS AMMONIA WATERVRY AMMONIAK		52 090	31 620
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	10 / 4		Tank Material Tenkmateriaal	ASTM A516 GR 70					
Brake System Remstelsel	V / R		Tank Lining Tenkvoering						
Brake Cylinders Remsilinders	(V) 2 / 18	(L)	Design Limit - Mass on Rail Ontwerplimiet - Massa op Spoor	kg 60 000					
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for Oorspronklik ontwerp vir	ANHYDROUS AMMONIA WATERVRY AMMONIAK					
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 65,12 / 30,28	(L)	Converted for Omskep vir						
Drawgear Equipment Trekwerkuitrusting	AAR M901 E		Revision Hersiening						
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR - SAS		Date Datum						

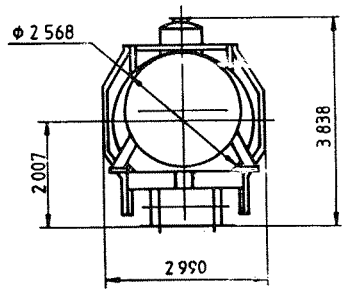
XN - 6

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidroulicse kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting





Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
36 - 013 773 / 36 - 014 591	1973 / 74

Converted from Omskep van	Date Datum
XN-5	1987 -

Remarks
Opmerkings :-

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12-A99

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remverstellor

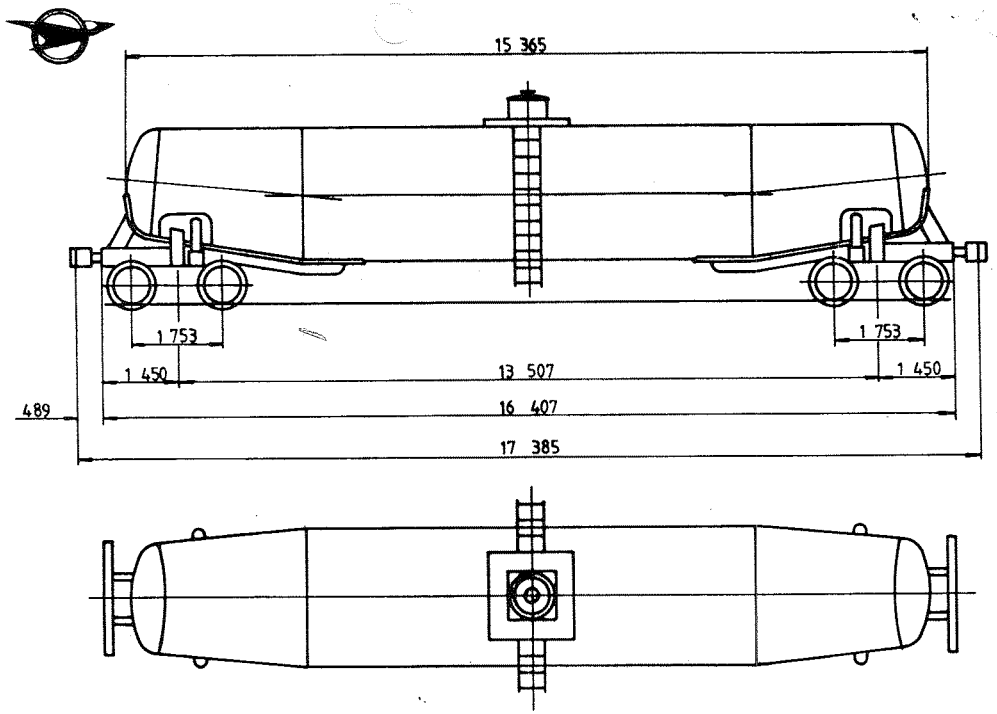
Drawing Number / Tekeningnommer		W.001/M002	
Bogie Type / Draaisteltipe		SPOORBARBER	
Bearing Size / Laergrootte		C	
Springs per Bogie / Vere per Draaistel	Outer / Inner / Buite / Binne	10/4	
Brake System / Remstelsel		V/R	
Brake Cylinders / Remsilinders		(V) 2/21	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp		(V) 65	(L)
Brake Percentage / Rempersentasie	Empty / Loaded / Leeg / Met Vrag	(V) 52,7/24	(L)
Drawgear Equipment / Trekwerkuitrusting		AAR M901 E	
Coupler / Yoke / Koppelaar / Juk		SE	

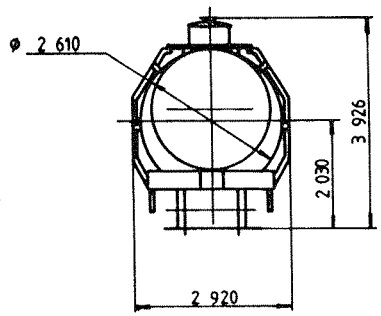
Centre of Gravity (Empty) / Swaartepunt (Leeg)		1 267				
				Contents / Inhoud	Capacity / Inhoudsvermoë	Mass / Massa kg
				ANHYDROUS AMMONIA WATERVRY AMMONIAK	50 750	30 800
Tank Material / Tenkmateriaal		A.S.T.M. A516 GR70				
Tank Lining / Tenkvoering						
Design Limit - Mass on Rail / Ontwerplimiet - Massa op Spoor	kg	60 000				
Originally designed for / Oorspronklik ontwerp vir		ANHYDROUS AMMONIA WATERVRY AMMONIAK				
Converted for / Omskep vir						
Revision / Hersiening						
Date / Datum						

Capacity (full) / Inhoudsvermoë (vol)	l	54 100	Tare (Average) / Tarra (Gemiddeld)	kg	25 800

XNJ-5

70





Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

V Vacuum / Vakuum
A Dual Power - Automatic / Tweekrag - Outomaties
L Air / Lug
R Slack Adjuster / Remversteller
D Dual Power - Manually operated / Tweekrag - Handbediening

Remarks / Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
36 - 015 423 / 36 - 016 241	1981 - 82
✱1 36 - 016 268 / 36 - 017 450	1982 - 83

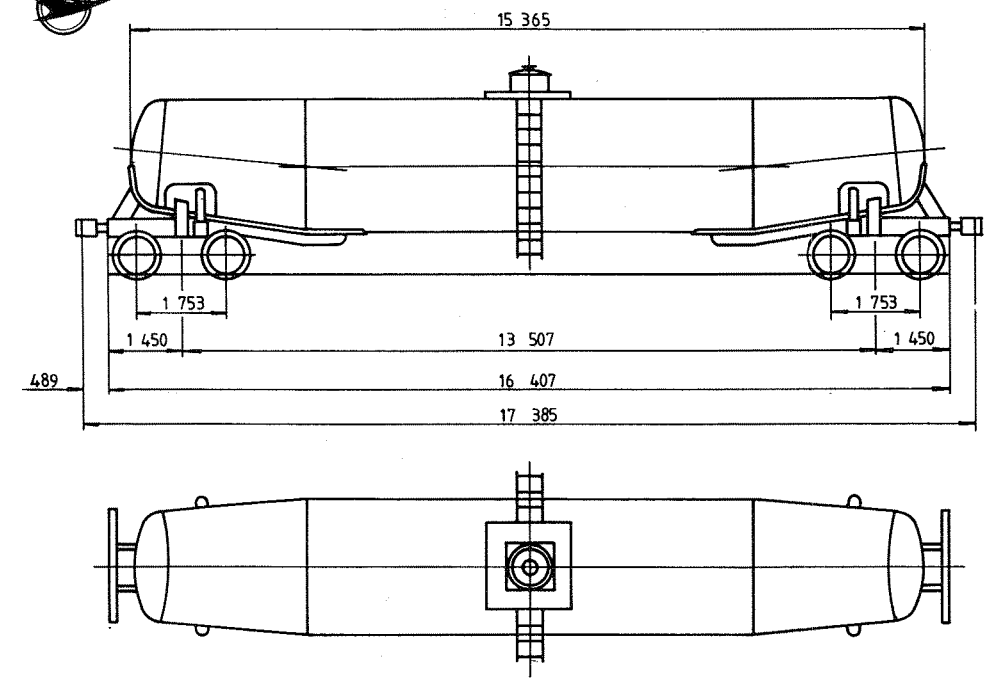
Converted from / Omskep van	Date / Datum
✱1 XNLJ - 7	1986 - 87

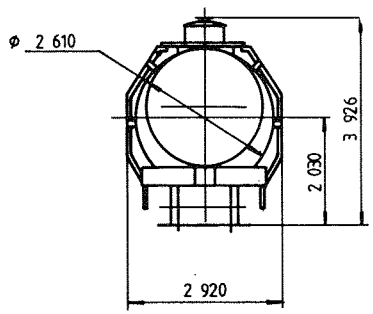
For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer **CME 240/12 - A99**

Drawing Number / Tekeningnommer	W.001 / D062		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1505	Capacity (full) / Inhoudsvermoë (vol)	l	73 570	Tare (Average) / Tarra (Gemiddeld)	kg 32 040
Bogie Type / Draaisteltipe	H.S. MK VII				Contents / Inhoud			Capacity / Inhoudsvermoë	l Mass / Massa kg
Bearing Size / Laergrootte	D				ANHYDROUS AMMONIA / WATERVRY AMMONIAK			68 500	41 800
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 10		Tank Material / Tenkmateriaal	A S T M A516 GR.70					
Brake System / Remstelsel	V / R		Tank Lining / Tenkvoering						
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)	Design Limit - Mass on Rail / Ontwerplimiet - Massa op Spoor	kg 74 000					
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	ANHYDROUS AMMONIA / WATERVRY AMMONIAK					
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 54,7/23,8	(L)	Converted for / Omskep vir						
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening	1					
Coupler / Yoke / Koppelaar / Juk	SE/E		Date / Datum	86-12-19					

XNJ - 7

71





Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Remarks
Opmerkings :

1,230648

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
36 - 016 268 / 36 - 017 450	1982 - 83

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	W. 001 / D 074		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 505	Capacity (full) / Inhoudsvermoë (vol)	73 470 l	Tare (Average) / Tarra (Gemiddeld) kg: 32 200
Bogie Type / Draaisteltipe	H.S. MK. VII				Contents / Inhoud		Capacity / Inhoudsvermoë l — Mass / Massa kg
Bearing Size / Laergrootte	D				ANHYDROUS AMMONIA / WATERVRY AMMONIAK		68 500 — 41 800
Springs per Bogie / Vere per Draaistel — Outer / Buite — Inner / Binne	10 / 10		Tank Material / Tenkmateriaal	A S T M A516 GR 70			
Brake System / Remstelsel	V / L / R		Tank Lining / Tenkvoering				
Brake Cylinders / Remsilinders	(V) 2 / 18	(L) 1/10 x 12	Design Limit - Mass on Rail / Ontwerplimiet - Massa op Spoor kg	74 000			
Train Pipe / Treinpyp — Brake Pipe / Rempyp	(V) 65	(L) 32	Originally designed for / Oorspronklik ontwerp vir	ANHYDROUS AMMONIA / WATERVRY AMMONIAK			
Brake Percentage / Rempersentasie — Empty / Loaded / Leeg / Met Vrag	(V) 54,5 / 23,7	(L) 51,2 / 22,3	Converted for / Omskep vir				
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening				
Coupler / Yoke / Koppelaar / Juk	SE		Date / Datum				

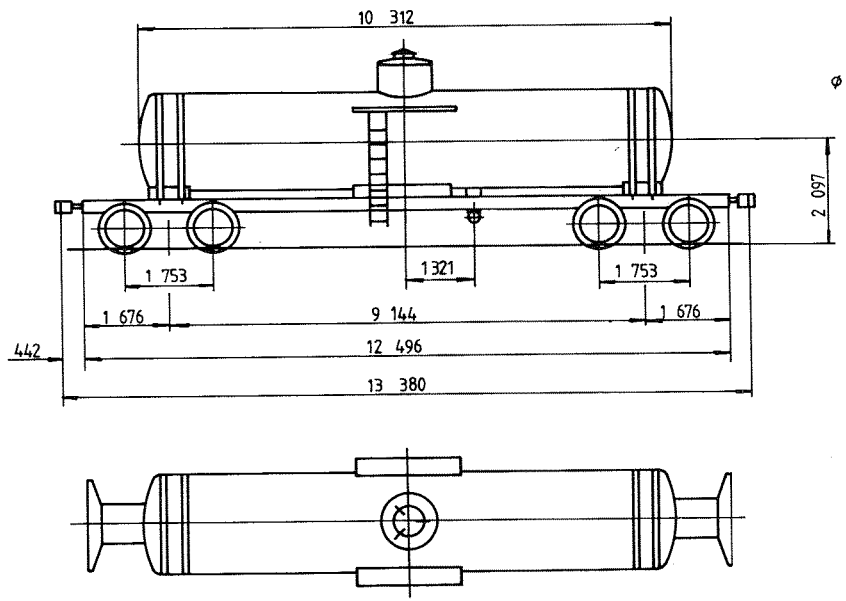
XNLJ - 7

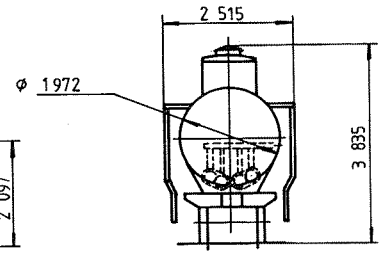
72

Drawgear Equipment · Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

XBO-1

Brake System · Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
37 - 010 018 / 37 - 010 107	1958 / 59

Converted from / Omskep van	Date / Datum
X - 21	1964

Remarks / Opmerkings: Fitted with Steam Heating Elements / Toegerus met Elemente vir Stoomverwarming

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	CME 115 / 12 - A21	
Bogie Type / Draaisteltipe	SARCAST	
Bearing Size / Laergrootte	11 × 5 1/2	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6 / 6	
Brake System / Remstelsel	V	
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 78,9 / 33,7	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Tank Material / Tenkmateriaal	SPEC / SPES CME 9 SYM / SIM 8
Tank Lining / Tenkvoering	
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	
Originally designed for / Oorspronklik ontwerp vir	WATER TREACLE STROOP OIL OLIE
Converted for / Omskep vir	FURNACE OIL BRANDOLIE

Revision / Hersiening					
Date / Datum					

Capacity (full) / Inhoudsvermoë (vol) l	29 980	Tare (Average) / Tarra (Gemiddeld) kg	21 320
Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
FURNACE OIL BRANDOLIE		29 660	28 550

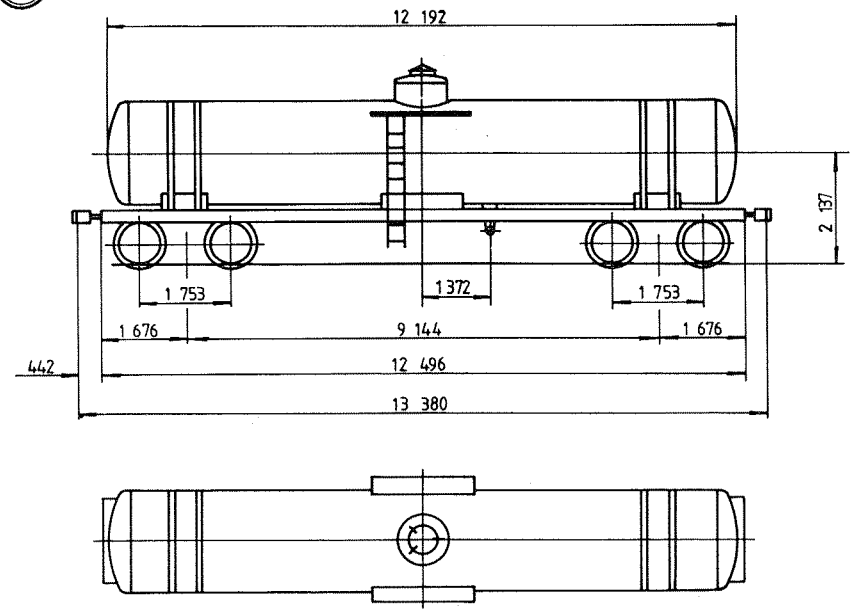
X0 - 1

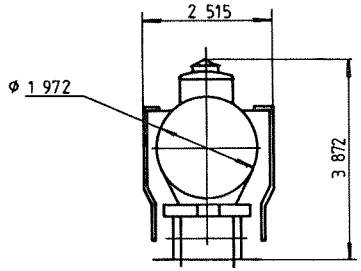
74

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

XBO - 2





Remarks / Opmerkings: Fitted with Steam Heating Elements / Toegerus met Elemente vir Stoomverwarming

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
37-011 006 / 37-011 278	1965-66

Converted from / Omskep van	Date / Datum
XO-2 (ex X-24)	1985 –

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12-A99

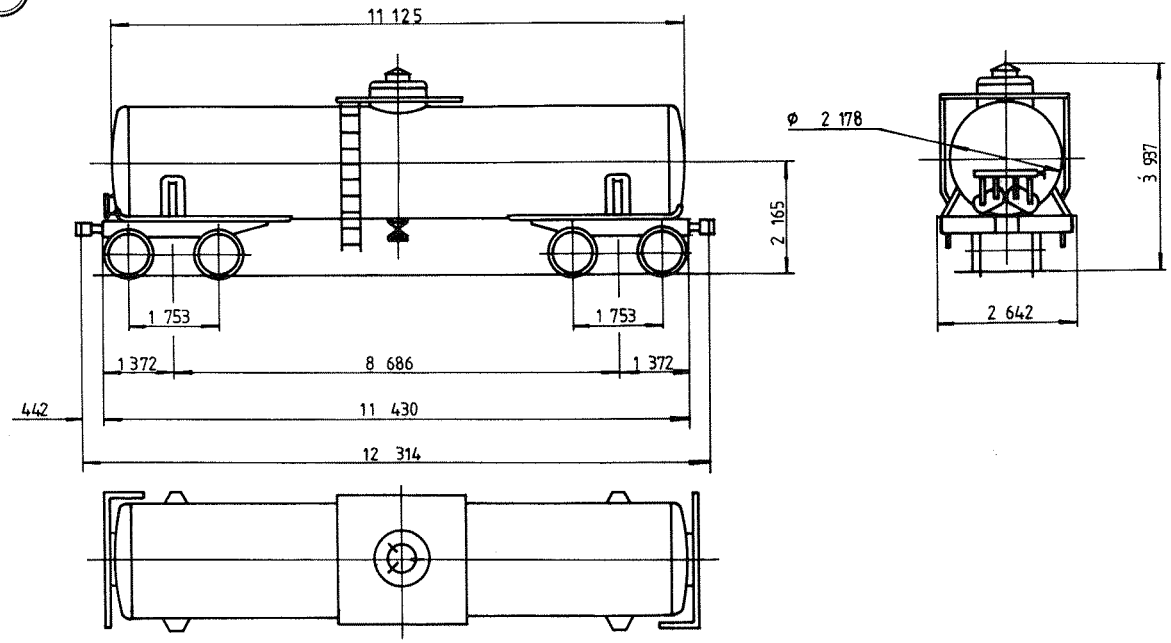
Drawing Number / Tekeningnommer	CME 150/12-A21	Centre of Gravity (Empty) / Swaartepunt (Leeg)		Capacity (full) / Inhoudsvermoë (vol) l	35 580	Tare (Average) / Tarra (Gemiddeld) kg	22 940
Bogie Type / Draaisteltipe	SARCAST			Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
Bearing Size / Laergrootte	11 × 5½			FURNACE OIL / BRANDOLIE		35 260	33 940
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6/6	Tank Material / Tenkmateriaal	SPEC SPES CME 9 SYM SIM B				
Brake System / Remstelsel	✗ V/R.	Tank Lining / Tenkvoering					
Brake Cylinders / Remsilinders	(V) 2/15 (L)	Design Limit-Mass on Rail kg / Ontwerplimiet-Massa op Spoor					
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (L)	Originally designed for / Oorspronklik ontwerp vir	WATER OIL / OLIE				
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 56,3/22,7 (L)	Converted for / Omskep vir	FURNACE OIL / BRANDOLIE				
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	Revision / Hersiening	1				
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR-SAS	Date / Datum	88/12/19				

XOJ-2

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

XB0-3



Remarks / Opmerkings: Fitted with Steam Heating Elements / Toegerus met Elemente vir Stoomverwarming

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
◒ 37 - 012 002 / 37 - 014 463	1969 - 70
◓ 37 - 014 498 / 37 - 016 121	1970 - 71

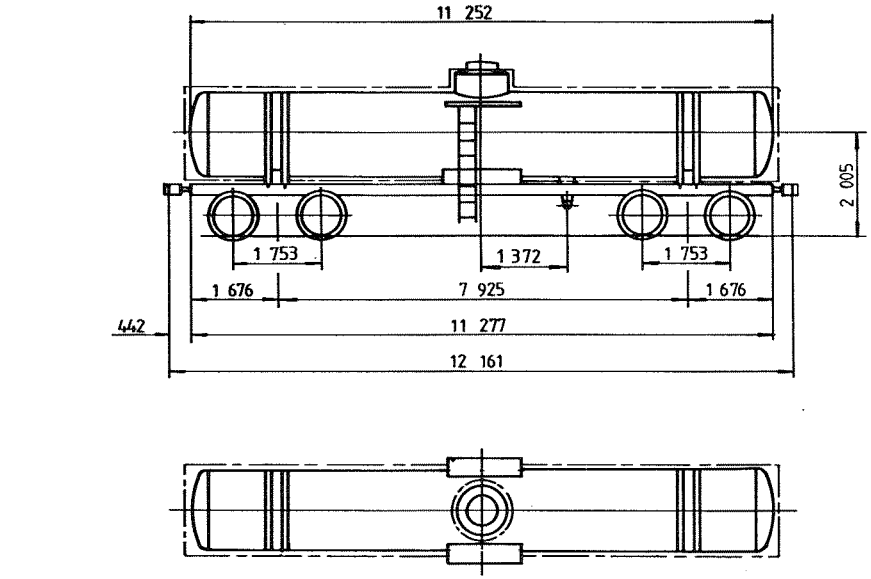
Converted from / Omskep van	Date / Datum

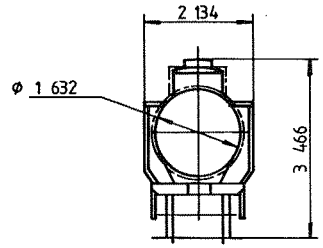
For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	◒ W1 / 20080 ◓ W001 / D008		Centre of Gravity (Empty) / Swaartepunt (Leeg)	◒ 1 230	◓ 1 280	Capacity (full) / Inhoudsvermoë (vol) l	39 650	Tare (Average) / Tarra (Gemiddeld) kg	20 960
Bogie Type / Draaisteltipe	SPOORBARBER					Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
Bearing Size / Laergrootte	C					FURNACE OIL / BRANDOLIE		39 210	37 750
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 4		Tank Material / Tenkmateriaal	SPEC / SPES CME 9	SYM / SIM 8				
Brake System / Remstelsel	V		Tank Lining / Tenkvoering						
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000					
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	FURNACE OIL / BRANDOLIE					
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 92,9 / 33,2	(L)	Converted for / Omskep vir						
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening						
Coupler / Yoke / Koppelaar / Juk	SASKOP - S. / SAR - SAS		Date / Datum						

X0-3

76





Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
37 - 016 148	1950
37 - 016 156	1950

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

XHO - 1

Brake System - Remstelsel:
Dual Power - Automatic / Tweekrag - Outomaties
A Slack Adjuster / Remversteller
R
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

Remarks : Fitted with Steam Heating Elements
Opmerkings : Toegerus met Elemente vir Stoomverwarming

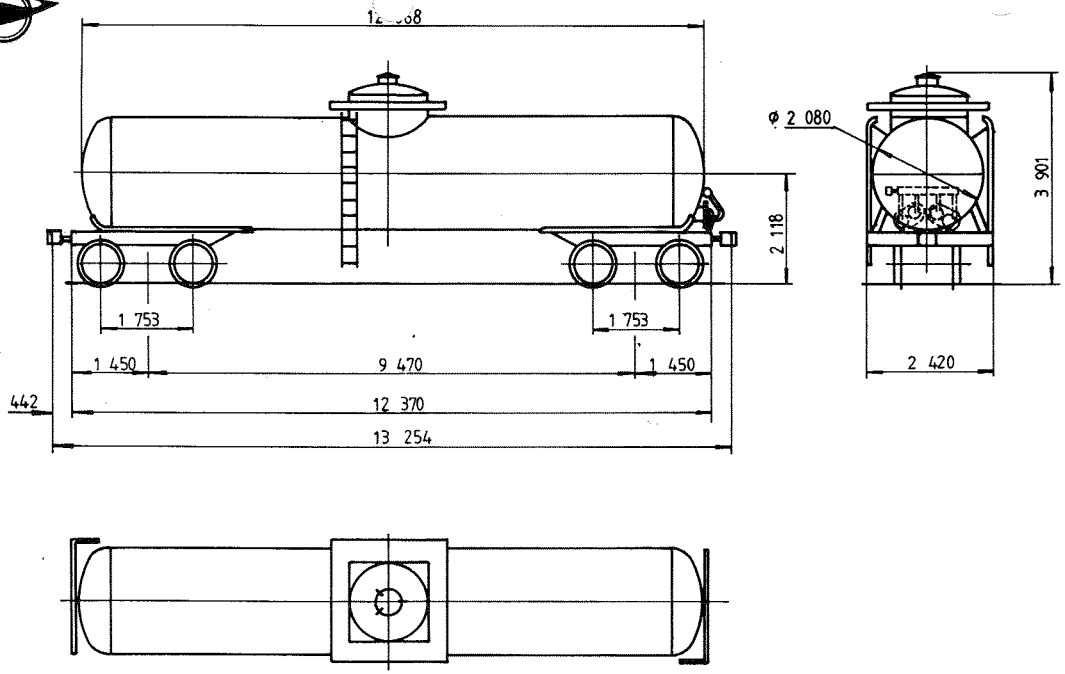
Converted from Omskep van	Date Datum
X - 16	1960

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number Tekeningnommer	W.1/9382 W.1/9842	CDO SKETCH SKETS 19	Centre of Gravity (Empty) Swaartepunt (Leeg)		Capacity (full) Inhoudsvermoë(vol) l	22 050	Tare (Average) Tarra(Gemiddeld) kg	21 610
Bogie Type Draaisteltipe	CANCAR				Contents Inhoud		Capacity Inhoudsvermoë l	Mass Massa kg
Bearing Size Laergrootte	10 × 5				FURNACE OIL BRANDOLIE		22 050	21 230
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	8/0		Tank Material Tenkmateriaal	SPEC CME 9 SPES	SYM 8 SIM			
Brake System Remstelsel	V		Tank Lining Tenkvoering					
Brake Cylinders Remsilinders	(V) 1 / 21	(L)	Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor					
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50)	(L)	Originally designed for Oorspronklik ontwerp vir	WATER	TREACLE OIL STROOP OLIE			
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 70,7/35,7	(L)	Converted for Omskep vir	FURNACE OIL BRANDOLIE				
Drawgear Equipment Trekwerkuitrusting	AAR M 901 E		Revision Hersiening					
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR - SAS		Date Datum					

X0 - 4

77



Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
Dual Power - Automatic / Tweekrag - Outomaties
A Slack Adjuster / Remversteller
R
Dual Power - Manually operated / Tweekrag - Handbediening
V Vacuum / Vakuum
L Air / Lug

Remarks : Fitted with Steam Heating Elements
Opmerkings : Toegerus met Elemente vir Stoomverwarming

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
37 - 016 164 / 37 - 016 709	1979

Converted from / Omskep van	Date / Datum

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

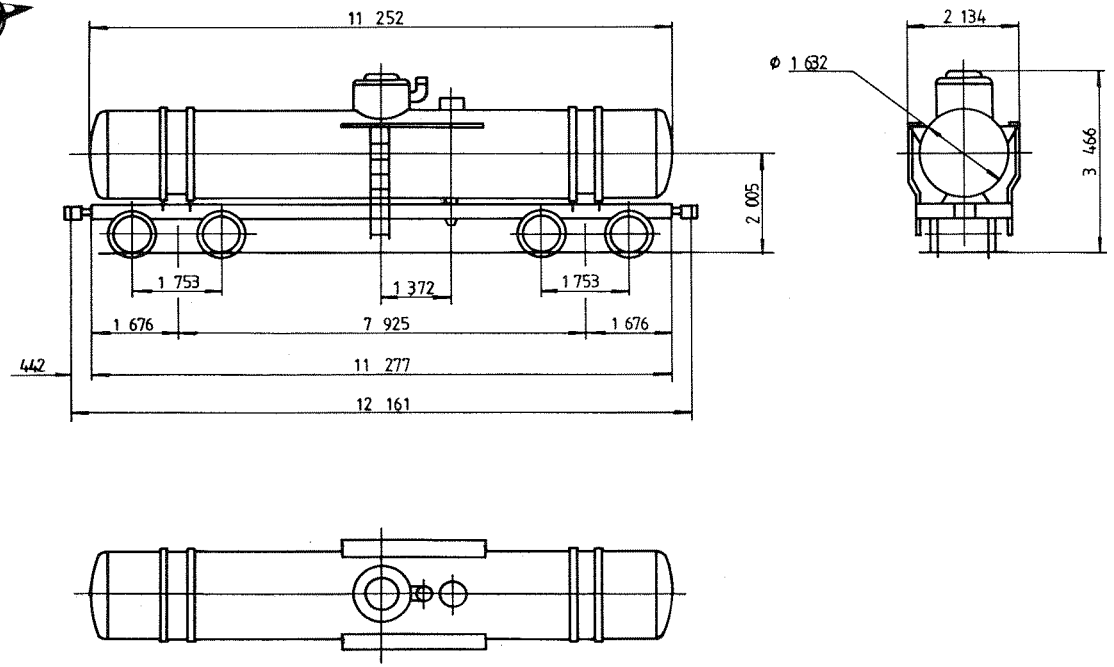
Drawing Number / Tekeningnommer	W 001 / R 002		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 308	Capacity (full) / Inhoudsvermoë (vol) L	38 600	Tare (Average) / Tarra (Gemiddeld) kg	23 950
Bogie Type / Draaisteltipe	H.S. MK III				Contents / Inhoud		Capacity / Inhoudsvermoë L	Mass / Massa kg
Bearing Size / Laergrootte	D				DIESEL OIL / DIESELOLIE		38 600	36 050 MAX / MAKS
Springs per Bogie / Vere per Draaistel — Outer / Buite / Inner / Binne	10 / 4		Tank Material / Tenkmateriaal	SPEC CME 9 SPES SYM 8 SIM				
Brake System / Remstelsel	V / R		Tank Lining / Tenkvoering					
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000				
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	FURNACE OIL / BRANDOLIE				
Brake Percentage — Empty / Loaded / Leeg / Met Vrag / Rempersentasie	(V) 74,2 / 29,6	(L)	Converted for / Omskep vir					
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening					
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum					

X0 - 5

78

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulièse kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulièse kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening



Remarks
Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
38 - 013 002 / 38 - 014 122	1934 - 38

Converted from / Omskep van	Date / Datum

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

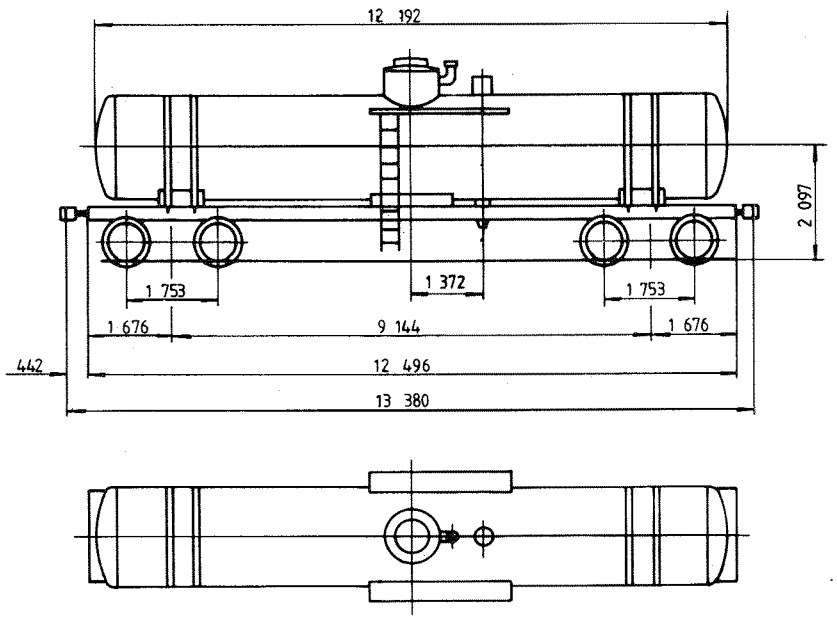
Drawing Number / Tekeningnommer	W. 1 / 9244		Centre of Gravity (Empty) / Swaartepunt (Leeg)		Capacity (full) / Inhoudsvermoë (vol) L	22 880	Tare (Average) / Tarra (Gemiddeld) kg	18 500
Bogie Type / Draaisteltipe	DIAMOND FRAME RUITRAAM				Contents / Inhoud		Capacity / Inhoudsvermoë L	Mass / Massa kg
Bearing Size / Laergrootte	10 × 5	11 × 5 1/2			PETROL		22 500	19 350
Springs per Bogie / Vere per Draaistel — Outer / Buite — Inner / Binne	4 ELLIP		Tank Material / Tenkmateriaal	SPEC SPES CME 9 SYM SIM 8				
Brake System / Remstelsel	V		Tank Lining / Tenkvoering					
Brake Cylinders / Remsilinders	(V) 1 / 21	(L)	Design Limit - Mass on Rail / Ontwerplimiet - Massa op Spoor kg					
Train Pipe / Treinpyp — Brake Pipe / Rempyp	(V) 65 (50)	(L)	Originally designed for / Oorspronklik ontwerp vir	PETROL				
Brake Percentage / Rempersentasie — Empty / Loaded / Leeg / Met Vrag	(V) 82,6 / 40,4	(L)	Converted for / Omskep vir					
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		Revision / Hersiening					
Coupler / Yoke / Koppelaar / Juk	S[illegible]P - S	/ SAR - SAS	Date / Datum					

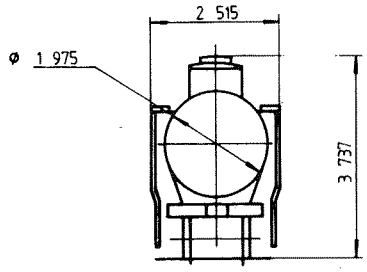
XP-6

79

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller





Remarks
Opmerkings

Vehicle Numbers / Voertuignommers			Placed in Service / In Gebruik Geneem
⊖◓	38 - 015 005	/ 38 - 017 377	1936 - 1942
◑●	38 - 017 385	/ 38 - 017 911	1952
◑	38 - 017 938	/ 38 - 018 977	1947 - 49
◑⊖	38 - 018 985	/ 38 - 020 602	1953 - 54
◑◑	38 - 020 610	/ 38 - 021 706	1955 - 58
◓	38 - 021 714		1945

Converted from / Omskep van	Date / Datum

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W.1/9405 W.1/10931	W.1/9843 CE.No.A.1/14892	
Bogie Type / Draaisteltipe	DIAM FRAME RUITRAAM	◐ CANCAR	◑ SARLAST
Bearing Size / Laergrootte	⊖ 11 x 5½ ● 10 x 5	10 x 5	10 x 5
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	4 ELLIP	8 / 0	6 / 0
Brake System / Remstelsel	V		
Brake Cylinders / Remsilinders	(V) 2/18	(L)	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50)	(L)	
Brake Percentage Empty / Loaded (V) / Rempersentasie Leeg / Met Vrag	◐ 117,6 / 45,8 ◑ 79,8 / 32,1 ⊖ 111,3 / 44,8	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP - S	/ SAR - SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 132		
Tank Material / Tenkmateriaal	SPEC CME 9 SPES	SYM 8 SIM	
Tank Lining / Tenkvoering			
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor			
Originally designed for / Oorspronklik ontwerp vir	PETROL		
Converted for / Omskep vir			
Revision / Hersiening			
Date / Datum			

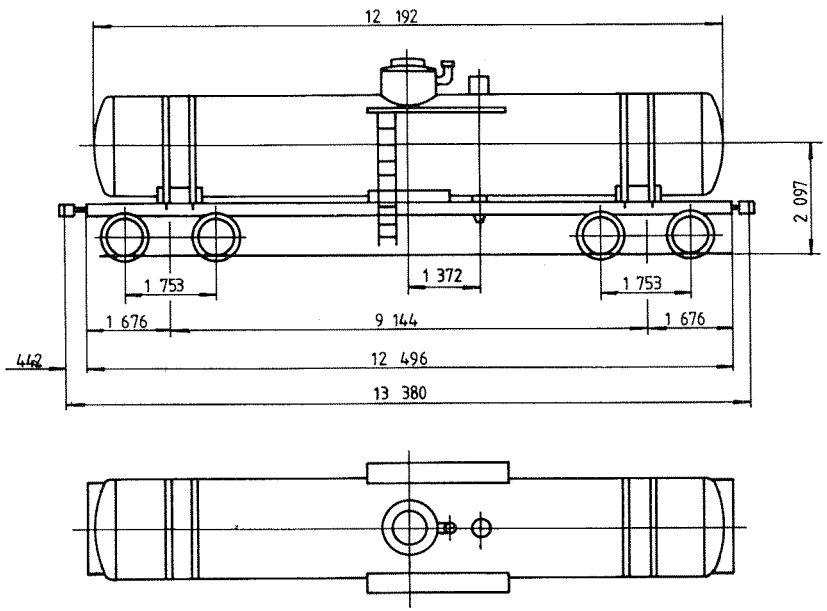
Capacity (full) / Inhoudsvermoë (vol) l	36 740	Tare (Average) / Tarra (Gemiddeld) kg	21 070 ◐ 19 940
Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
PETROL		36 330	31 240

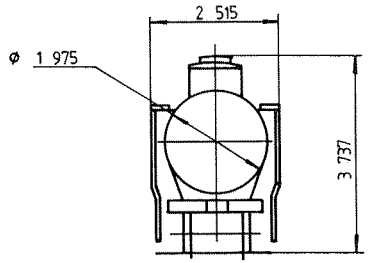
XP - 7

80

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller





Remarks
Opmerkings :

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
◒ 38 - 015 005 / 38 - 017 377	1936 - 1942
◒ 38 - 017 385 / 38 - 017 911	1952
◐ 38 - 017 938 / 38 - 018 977	1947 - 49
◒ 38 - 018 985 / 38 - 020 602	1953 - 54
◑ 38 - 020 610 / 38 - 021 706	1956 - 58
◐ 38 - 021 714	1949

Converted from / Omskep van	Date / Datum
XP - 7	1985-

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W.1/9405 W.1/10931	W.1/9843 CE.No.A.1/14892	
Bogie Type / Draaisteltipe	DIAM FRAME RUITRAAM	◐ CANCAR	◑ SARCAST
Bearing Size / Laergrootte	◒ 11 × 5½ ◒ 10 × 5	10 × 5	10 × 5
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	4 ELLIP	8 / 0	6 / 0
Brake System / Remstelsel	✱ U R		
Brake Cylinders / Remsilinders	(V) 2/15	(L)	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50)	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 52,3/21,1	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 132				
Tank Material / Tenkmateriaal	SPEC CME 9 SPES	SYM 8 SIM			
Tank Lining / Tenkvoering					
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor					
Originally designed for / Oorspronklik ontwerp vir	PETROL				
Converted for / Omskep vir					
Revision / Hersiening	1				
Date / Datum	86/12/19				

Capacity (full) / Inhoudsvermoë (vol) L	Tare (Average) / Tarra (Gemiddeld) kg	
36 740		21 070
		◐ 19 940
Contents / Inhoud	**Capacity / Inhoudsvermoë L**	**Mass / Massa kg**
PETROL	36 330	31 240

XPJ-7

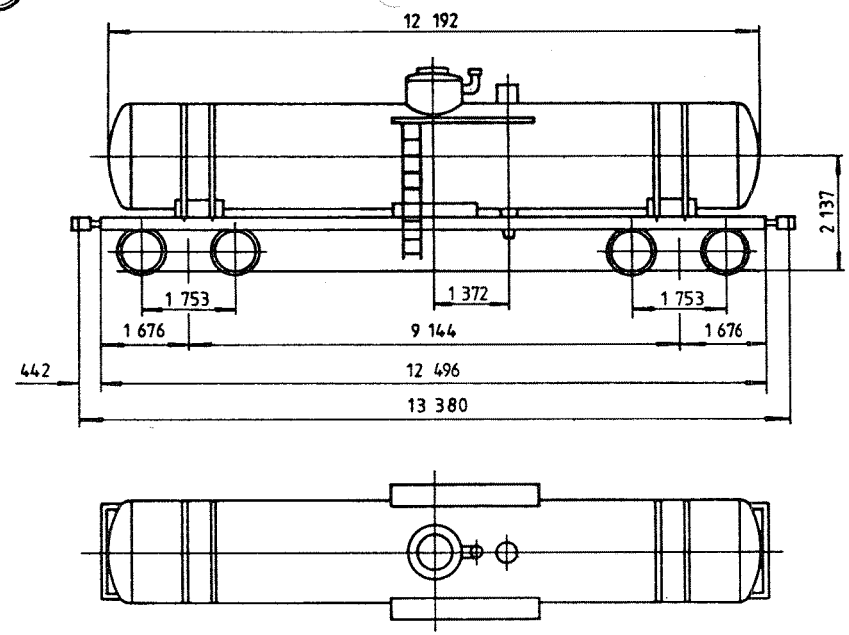
Drawgear Equipment - Trekwerkuitrusting

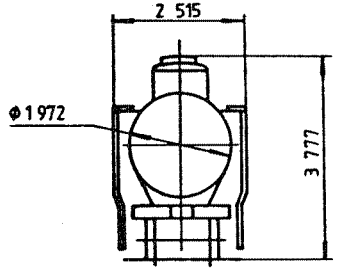
KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller





Remarks
Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / in Gebruik Geneem
38 - 033 003 / 38 - 034 301	1963 - 64

Converted from / Omskep van	Date / Datum
XP - 11	1984 - 86

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	CME 135 / 12 - A21
Bogie Type / Draaisteltipe	SARCAST
Bearing Size / Laergrootte	10 x 5
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6 / 0
Brake System / Remstelsel	V / R
Brake Cylinders / Remsilinders	(V) (L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) (L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 50,98/20,6 (L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS

Centre of Gravity (Empty) / Swaartepunt (Leeg)			Capacity (full) / Inhoudsvermoë (vol) L	36 590	Tare (Average) / Tarra (Gemiddeld) kg	21 110
			Contents / Inhoud		Capacity / Inhoudsvermoë L	Mass / Massa kg
			PETROL		36 250	31 180
Tank Material / Tenkmateriaal	SPEC. CME 9 SYM. 8 / SPES.		AVIATION FUEL / LUGVAARTBRANDSTOF		36 090	28 870
Tank Lining / Tenkvoering						
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor						
Originally designed for / Oorspronklik ontwerp vir	PETROL					
Converted for / Omskep vir						
Revision / Hersiening	1					
Date / Datum	86-09-12					

XPJ - 11

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

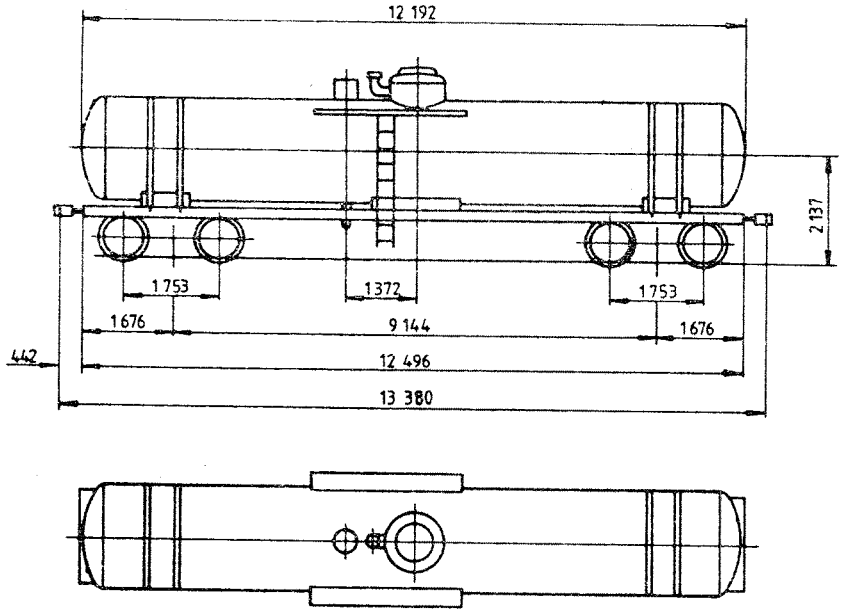
A Dual Power - Automatic / Tweekrag - Outomaties

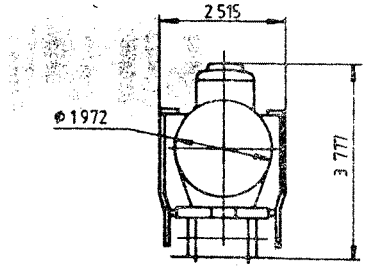
R Slack Adjuster / Remversteller

V Vacuum / Vakuum

L Air / Lug

D Dual Power - Manually operated / Tweekrag - Handbediening





Remarks
Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
38-035 006 / 38-035 537	1964-65

Converted from / Omskep van	Date / Datum
XP-12	1986-87

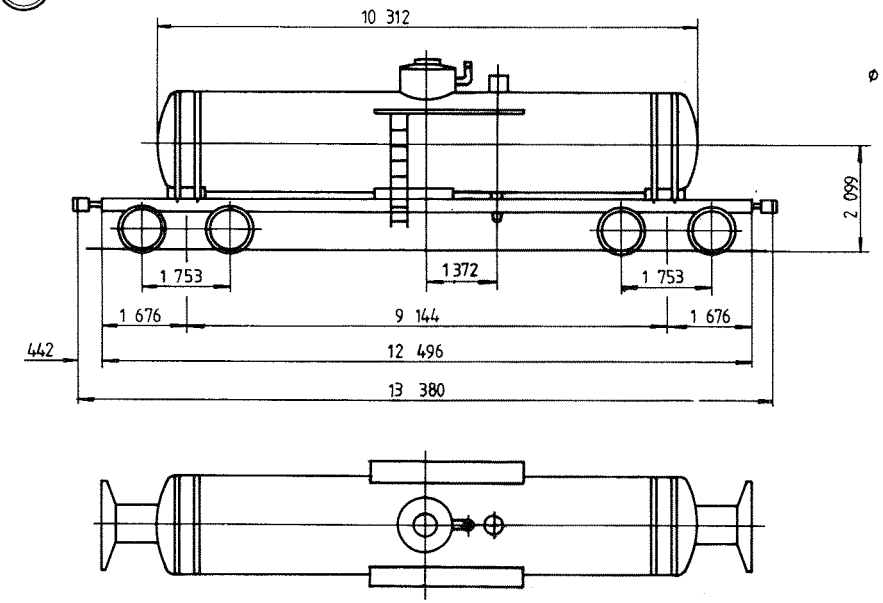
For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12-A99

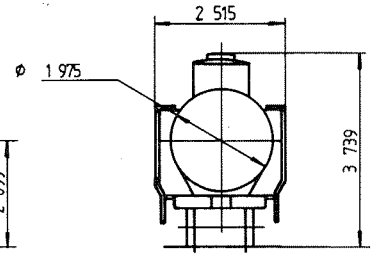
Drawing Number / Tekeningnommer	CME 139/12-A21
Bogie Type / Draaistettipe	SARCAST
Bearing Size / Laergrootte	10×5
Springs per Bogie Outer / inner / Vere per Draaistel Buite / Binne	6/0
Brake System / Remstelsel	V/R
Brake Cylinders / Remsilinders	(V) 2/15 (L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 58/24 (L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR-SAS

Centre of Gravity (Empty) / Swaartepunt (Leeg)			Capacity (full) / Inhoudsvermoë (vol)	l 36 570	Tare (Average) / Tarra (Gemiddeld) kg 22 270
			Contents / Inhoud		Capacity / Inhoudsvermoë l — Mass / Massa kg
			PETROL		36 210 — 31 140
Tank Material / Tenkmateriaal	SPEC SPES CME 9, SYM SIM 8				
Tank Lining / Tenkvoering					
Design Limit-Mass on Rail kg / Ontwerplimiet-Massa op Spoor					
Originally designed for / Oorspronklik ontwerp vir	PETROL				
Converted for / Omskep vir					
Revision / Hersiening	1				
Date / Datum	86-12-19				

XPJ-12

81





Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Remarks / Opmerkings :-

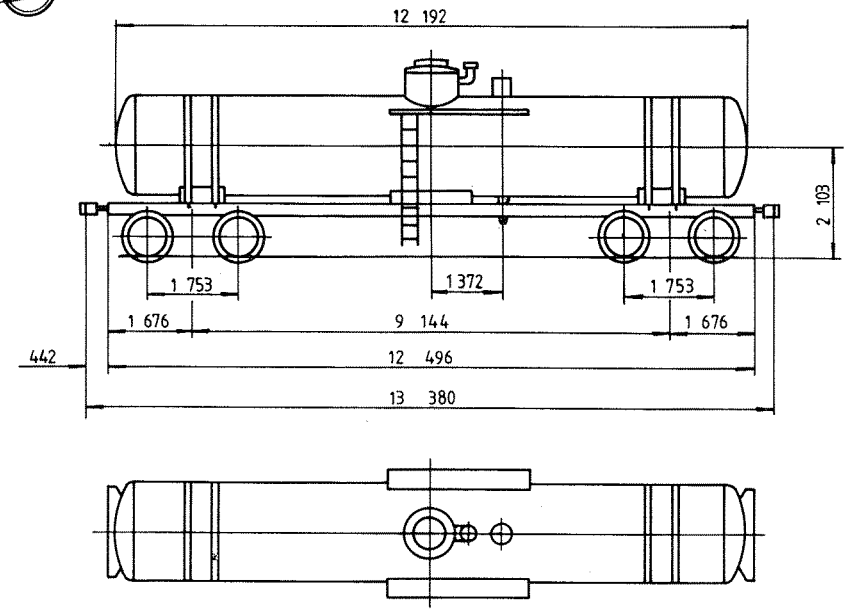
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
38 - 021 986 , 38 - 021 994	1938

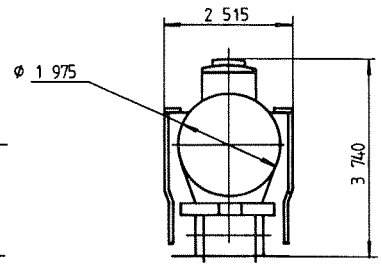
Converted from / Omskep van	Date / Datum
XM - 2 (ex. XP - 8)	1972

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W. 1 / 9721		Centre of Gravity (Empty) / Swaartepunt (Leeg)			Capacity (full) / Inhoudsvermoë(vol) l	31 070	Tare (Average) / Tarra(Gemiddeld) kg	20 660
Bogie Type / Draaisteltipe	DIAMOND FRAME RUITRAAM					Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
Bearing Size / Laergrootte	11 × 5 1/2					PETROL		30 730	26 430
Springs per Bogie / Vere per Draaistel — Outer / Buite — Inner / Binne	4 ELLIP		Tank Material / Tenkmateriaal	SPEC CME 9 SPES	SYM 8 SIM				
Brake System / Remstelsel	V		Tank Lining / Tenkvoering						
Brake Cylinders / Remsilinders	(V) 2 / 15	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor						
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (50)	(L)	Originally designed for / Oorspronklik ontwerp vir	PETROL					
Brake Percentage — Empty / Loaded / Rempersentasie — Leeg / Met Vrag	(V) 77,8 / 34,1	(L)	Converted for / Omskep vir						
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		Revision / Hersiening						
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum						

XP - 8





Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
38 - 022 001 / 38 - 025 272	1955 - 56

Converted from Omskep van	Date Datum

Remarks
Opmerkings

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number Tekeningnommer	C.E. No. A. 2 /15899	
Bogie Type Draaisteltipe	E. S. C.	
Bearing Size Laergrootte	10 × 5	
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	6 / 0	
Brake System Remstelsel	V	
Brake Cylinders Remsilinders	(V) 2 / 18	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50)	(L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 82,7 / 32,6	(L)
Drawgear Equipment Trekwerkuitrusting	AAR M 901 E	
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR - SAS	

Centre of Gravity (Empty) Swaartepunt (Leeg)	1132				
Tank Material Tenkmateriaal	SPEC CME 9 SYM 8 SPES SIM				
Tank Lining Tenkvoering					
Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor					
Originally designed for Oorspronklik ontwerp vir	PETROL				
Converted for Omskep vir					
Revision Hersiening					
Date Datum					

Capacity (full) Inhoudsvermoë (vol) L	36 700	Tare (Average) kg Tarra (Gemiddeld)	20 330
Contents Inhoud		Capacity L Inhoudsvermoë	Mass kg Massa
PETROL		36 340	31 250

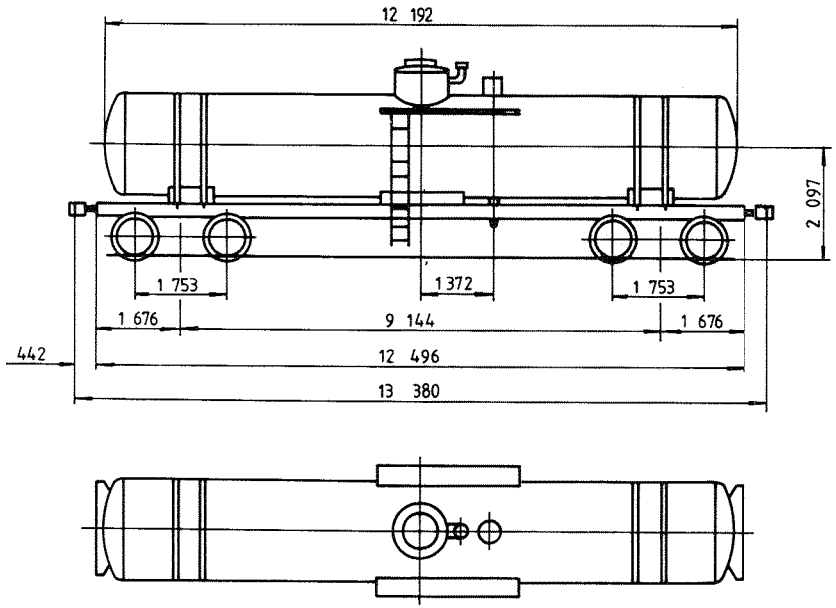
XP-9

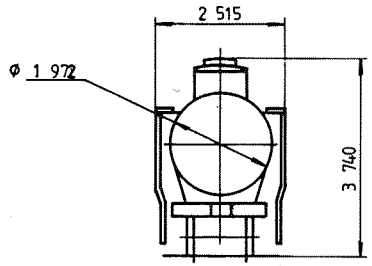
Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic
Tweekrag - Outomaties
R Slack Adjuster
Remverstelier
V Vacuum
Vakuum
L Air
Lug
D Dual Power - Manually operated
Tweekrag - Handbediening

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remverstelller





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
38 - 026 007 / 38 - 032 902	1958 - 63

Converted from / Omskep van	Date / Datum

Remarks / Opmerkings :-

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W.1 / 10931		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 162		Capacity (full) / Inhoudsvermoë (vol) l	36 490	Tare (Average) / Tarra (Gemiddeld) kg	21 010
Bogie Type / Draaisteltipe	SARCAST					Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
Bearing Size / Laergrootte	10 × 5					PETROL		36 130	31 070
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6 / 0		Tank Material / Tenkmateriaal	SPEC / SPES CME 9	SYM / SIM 8				
Brake System / Remstelsel	V		Tank Lining / Tenkvoering						
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor						
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (50)	(L)	Originally designed for / Oorspronklik ontwerp vir	PETROL					
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 80 / 32,3	(L)	Converted for / Omskep vir						
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening						
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum						

XP - 10

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

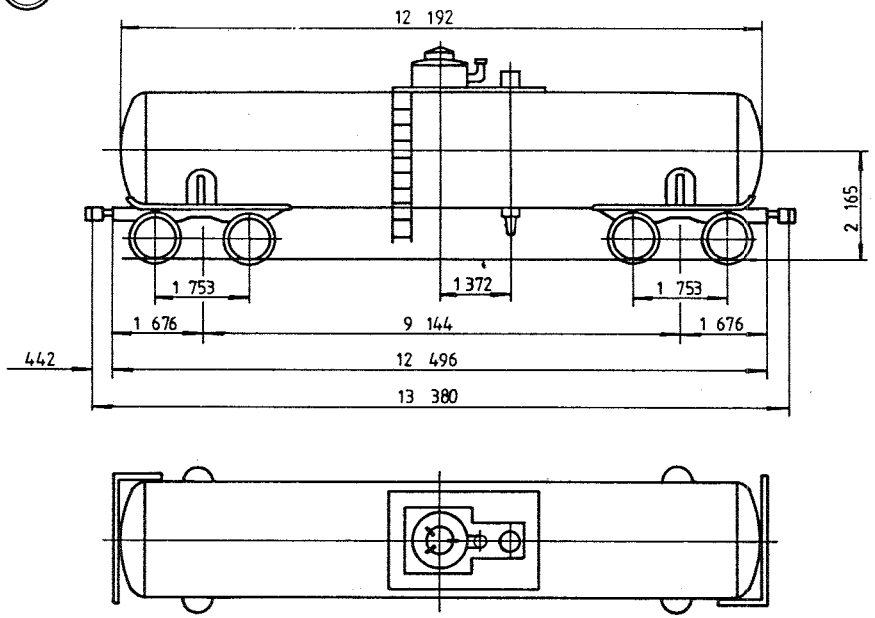
A Dual Power - Automatic / Tweekrag - Outomaties

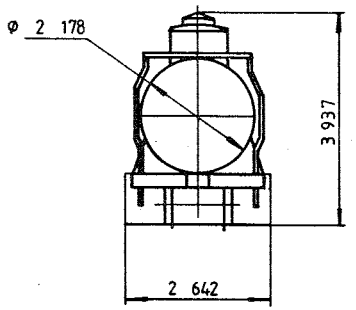
R Slack Adjuster / Remversteller

V Vacuum / Vakuum

L Air / Lug

D Dual Power - Manually operated / Tweekrag - Handbediening





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
38 - 036 002 / 36 - 036 657	1968 - 69

Remarks / Opmerkings :

Converted from / Omskep van	Date / Datum

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W. 1 / 20075		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 286		Capacity (full) / Inhoudsvermoë (vol) l	44 530	Tare (Average) / Tarra (Gemiddeld) kg	20 620
Bogie Type / Draaisteltipe	SPOORBARBER					Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
Bearing Size / Laergrootte	C					PETROL		43 770	37 640
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 4		Tank Material / Tenkmateriaal	SPEC SPES CME 9	SYM SIM 8				
Brake System / Remstelsel	V		Tank Lining / Tenkvoering						
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor						
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	PETROL					
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 75 / 26,6	(L)	Converted for / Omskep vir						
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening	1					
Coupler / Yoke / Koppelaar / Juk	KOP - S / SAR - SAS		Date / Datum	88-06-15					

XP - 13

Code - Kode

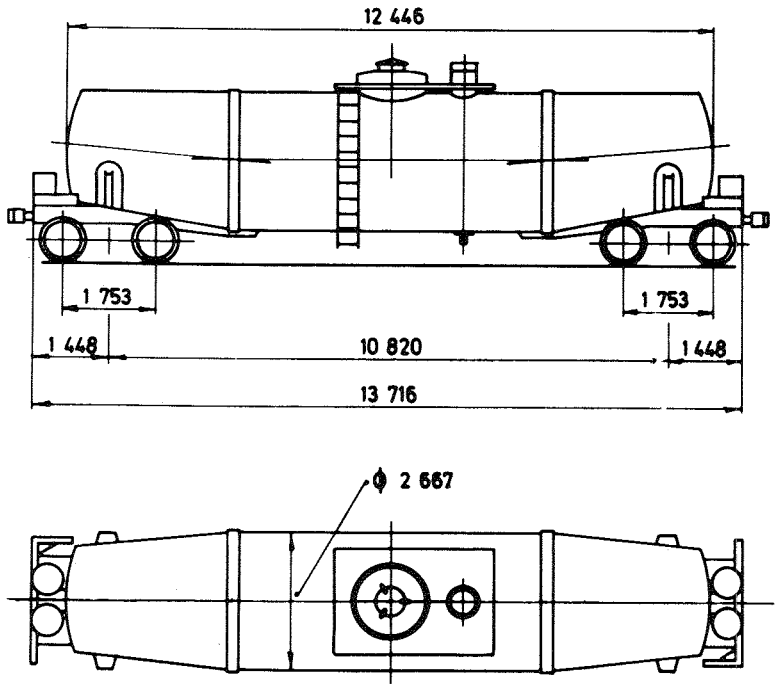
The second or third letter denotes :-
Die tweede of derde letter dui aan :

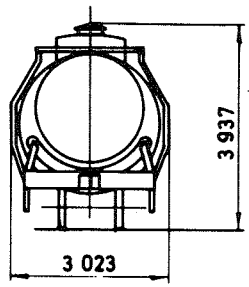
D Dual Power Vacuum Brake
Tweekragvakuumrem
Air Brake
L Lugdrukrem

R Power Air Brake
Tweekragluqdrukrem
Short Wagons
E Kortwaens

For actual loads and ullages see drawing number CME. 240/12 - A99
Vir werklike vragte en uitsitruimtes kyk tekening nommer

XP-14





Remarks :- ◒ Tanks lined with epoxy-resin base paint
Opmerkings Tenke uitgevoer met verf met epoksiharsbasis (Epilux 4)

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
◒ 38-500 000 / 38-500 647	1969
◒ 38-500 655 / 38-500 973	1969

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power / Tweekrag
W Variable / Veranderlik

M Manually - operated / Handbediening

R Slack Adjuster / Remversteller

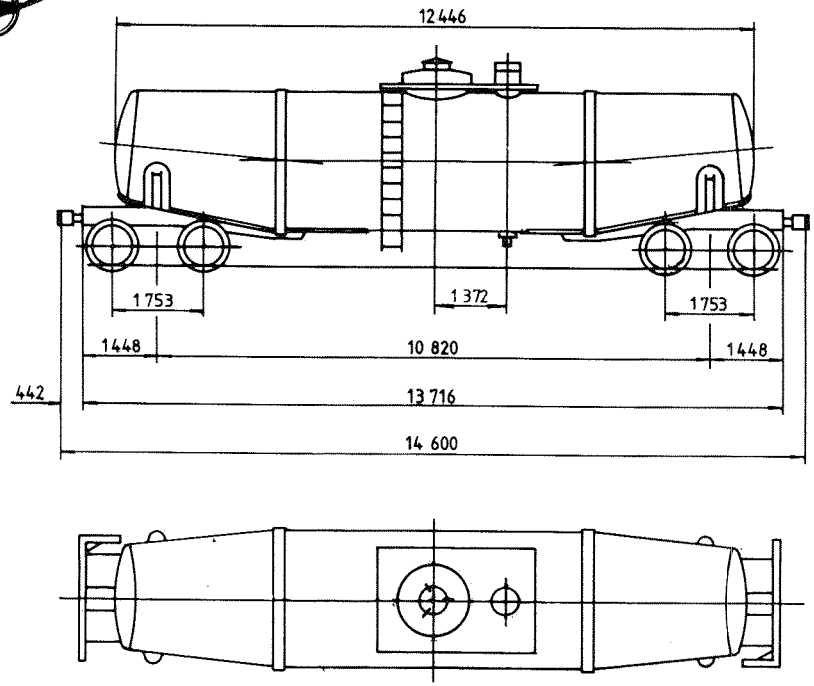
Drawing Number / Tekeningnommer	W.1/20076
Bogie Type / Draaisteltipe	SPOORBARBER
Bearing Size / Laergrootte	D
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	◒ 10/8 ◒ 10/10
Brake System / Remsteisel	V/D/M
Brake Cylinders / Remsilinders	4/18
Train Pipe / Treinpyp	65
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	63-5/ ◒ 45-1 OR OF ◒ 43-0
Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 410
Originally designed for / Oorspronklik ontwerp vir	PETROL JET FUEL. STRALERBRANDSTOF

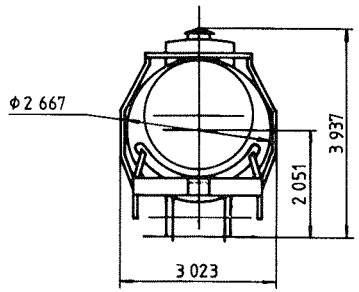
Tare (Average) / Tarra (Gemiddeld) kg		25 540
Contents / Inhoud	Capacity / Inhoudsvermoë L.	Mass / Massa kg.
	62 070	
◒ PETROL	61 140	45 240
◒ JET FUEL / STRALERBRANDSTOF.	60 920	48 740
DIESEL OIL / DIESELOLIE	54 090	45 440
◒ DIESEL OIL / DIESELOLIE	56 790	47 700

Revision / Hersiening						
Date / Datum						

XPD-14

S.A.R. - S.A.S. | Page / Bladsy





Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Remarks
Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
38 - 500 000 / 38 - 500 434 38 - 500 442 / 38 - 500 973	1969

Converted from / Omskep van	Date / Datum
XPD - 14	1982 -

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W.1 / 20076	
Bogie Type / Draaisteltipe	SPOORBARBER	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 10	
Brake System / Remstelsel	V	
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 64,6 / 21,7	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR-SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 410					
Tank Material / Tenkmateriaal	SPEC. CME 9 SYM. 8 SPES. SIM.					
Tank Lining / Tenkvoering	☑ EPOXY - RESIN PAINT / EPOKSIHARSVERF (EPILUX 4)					
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000					
Originally designed for / Oorspronklik ontwerp vir	PETROL JET FUEL / STRALERBRANDSTOF					
Converted for / Omskep vir						
Revision / Hersiening						
Date / Datum						

Capacity (full) / Inhoudsvermoë (vol) l	61 870	Tare (Average) / Tarra (Gemiddeld) kg	24 700
Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
PETROL		60 770	44 970
☑ JET FUEL / STRALERBRANDSTOF		60 910	48 730
DIESEL OIL / DIESELOLIE		56 680	47 610

XPJ - 14

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

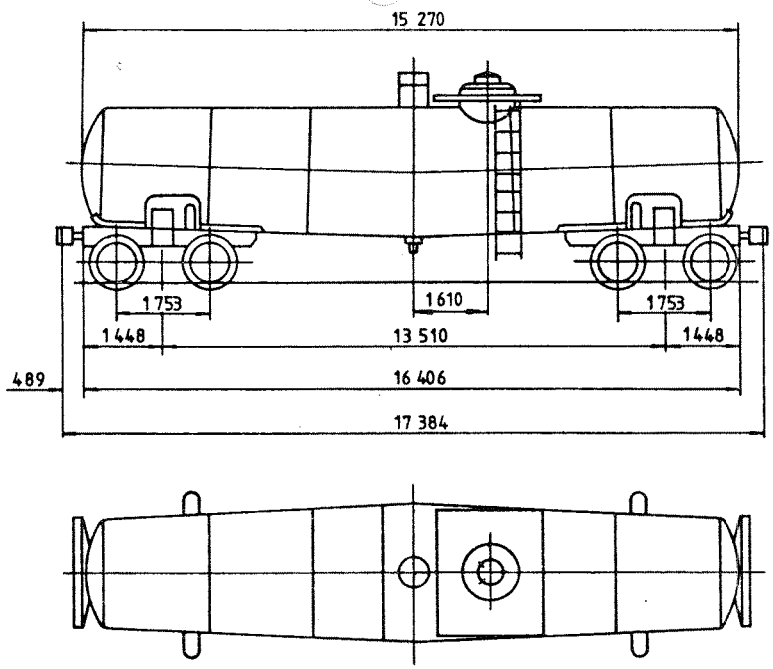
A Dual Power - Automatic / Tweekrag - Outomaties

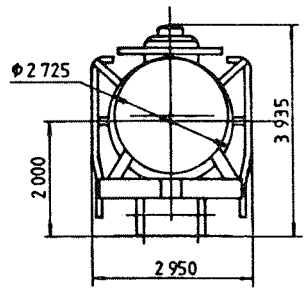
R Slack Adjuster / Remversteller

V Vacuum / Vakuum

L Air / Lug

D Dual Power - Manually operated / Tweekrag - Handbediening





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
38-042 177 / 38-042 711 38-042 738 / 38-043 262	1981-82 1982

Converted from / Omskep van	Date / Datum

Remarks / Opmerkings:

ISOPRENE: INSULATED BARREL DOME TO DRG. No. CME 185/12-A03, BOTTOM OPERATED DISCHARGE VALVE TO DRG. No. F2300 A.

ISOPREEN: GEÏSOLEERDE ROMP, HELM VOLGENS TEK. No. CME 185/12-A03, ONDERBEDIENDE UITLAATKLEP VOLGENS TEK. No. F2300 A.

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer **CME 240/12-A99**

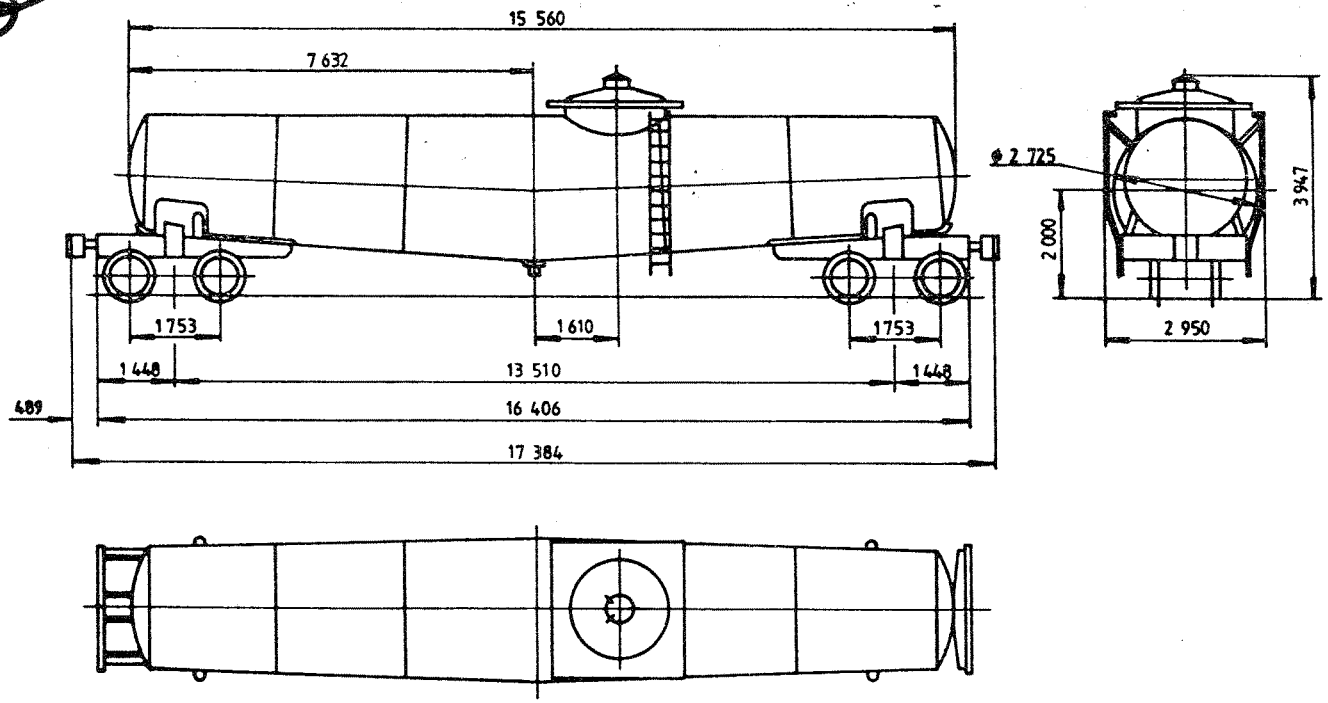
Drawing Number / Tekeningnommer	W.001 / D064 ◒ W.001 / D072		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 451		Capacity (full) / Inhoudsvermoë (vol) l	72 700	Tare (Average) / Tarra (Gemiddeld) kg	26 690 ◒ 26 830
Bogie Type / Draaisteltipe	H.S. MK. VII					Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
Bearing Size / Laergrootte	D					PETROL		64 300	47 310 MAX / MAKS
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10		Tank Material / Tenkmateriaal	SPEC. CME 9 SYM. 8 SPES. SIM.		DIESEL OIL / DIESELOLIE		55 980	47 310 MAX / MAKS
Brake System / Remstelsel	V/R		Tank Lining / Tenkvoering	◒ COPON EA3 / EA7		◒ JET FUEL / STRALERBRANDSTOF		58 870	47 170 MAX / MAKS
Brake Cylinders / Remsilinders	(V) 2/18	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	80 000		◒ ISOPRENE / ISOPREEN		67 450	46 960
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	PETROL JET FUEL / STRALERBRANDSTOF					
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 63,9 / 23,1	(L)	Converted for / Omskep vir						
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		Revision / Hersiening	1					
Coupler / Yoke / Koppelaar / Juk	SE/E		Date / Datum	86-01-31					

XPJ-19

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting



Remarks
Opmerkings

Vehicle Numbers Voertuignommers	Service In Gebruik Geneem
38 - 044 005 / 38 - 047 306	1985 - 86

Converted from Omskep van	Date Datum

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Drawing Number / Tekeningnommer		W001/0090	
Bogie Type / Draaisteltipe		H.S. Mk. VII	
Bearing Size / Laergrootte		D	
Springs per Bogie / Vere per Draaistel	Outer / Inner / Buite / Binne	10 / 10	
Brake System / Remstelsel		V/R	
Brake Cylinders / Remsilinders		(V) 2/18	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp		(V) 65	(L)
Brake Percentage / Rempersentasie	Empty / Loaded / Leeg / Met Vrag	(V) 66,76/24	(L)
Drawgear Equipment / Trekwerkuitrusting		AAR M901 E	
Coupler / Yoke / Koppelaar / Juk		SE/F	

Centre of Gravity (Empty) / Swaartepunt (Leeg)		1408		Capacity (full) / Inhoudsvermoë (vol) l	73 670
				Contents / Inhoud	Capacity / Inhoudsvermoë l
				PETROL	64 330
Tank Material / Tenkmateriaal		SPEC. BS 4360 GR. 43A SPES.		DIESEL OIL DIESELOLIE	55 980
Tank Lining / Tenkvoering					
Design Limit - Mass on Rail / Ontwerplimiet - Massa op Spoor	kg	80 000			
Originally designed for / Oorspronklik ontwerp vir					
Converted for / Omskep vir		PETROL			
Revision / Hersiening	1	2			
Date / Datum	86-04-30	87/7/31			

Tare (Average) / Tarra (Gemiddeld) kg	Mass / Massa kg
26 600	
47 600	
47 400	

XPJ - 21

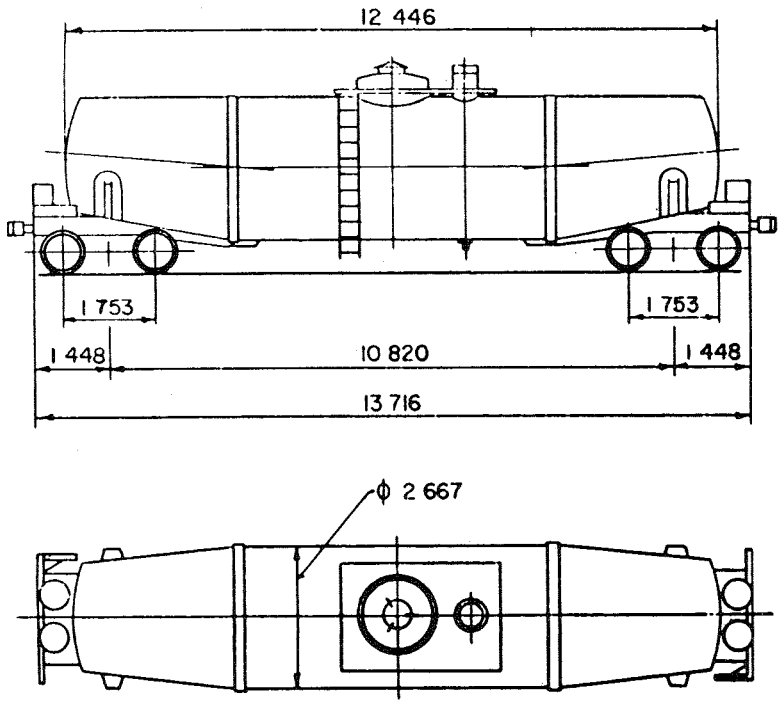
Code - Kode

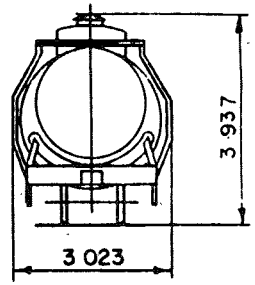
The second or third letter denotes -
Die tweede of derde letter dui aan -

D Dual Power Vacuum Brake
Tweekragvakuumrem
Air Brake
L Lugdrukrem

R Dual Power Air Brake
Tweekragluqdrukrem
Short Wagons
E Kortfrokke

For actual loads and ullages see drawing number
Vir werklike vragte en uitsitruimtes kyk tekening nommer CME. 240/12 - A99





Remarks
Opmerkings :- ◒ Tanks lined with epoxy-resin base paint
Tenke uitgevoer met verf met epoksihorsbasis (Epilux 4)

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
◓ 38-501 007 / 38-501 023	1971-72
◓ 38-501 066 / 38-502 917	1971-72
◓ 38-502 984 / 38-503 190	1971-72
◒ 38-502 925 / 38-502 976	1971
◐ 38-501 031, 38-501 058	1971
◑ 38-503 204 / 38-506 483	1972-73

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power / Tweekrag
W Variable / Veranderlik

M Manually-operated / Handbediening
R Slack Adjuster / Remversteller

Drawing Number / Tekeningnommer	W.001 / D 005
Bogie Type / Draaisteltipe	SPOORBARBER
Bearing Size / Laergrootte	D
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	◓ 10/8 ◒ 10/10
Brake System / Remstelsel	V/D/M/R
Brake Cylinders / Remsilinders	4/18
Train Pipe / Treinpyp	65
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	58,3/ ◓ 43,9 ◒ 42,2 ◐ 43,5
Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 342
Originally designed for / Oorspronklik ontwerp vir	PETROL JET FUEL STRALERBRANDSTOF

Tare (Average) / Tarra (Gemiddeld) kg.	25 940

Contents / Inhoud	Capacity / Inhoudsvermoë L.	Mass / Massa kg.
	61 640	
◓ PETROL	60 860	45 040
◒ JET FUEL / STRALERBRANDSTOF	59 920	47 940
◐ PARAFFIN OIL / PARAFFIENOLIE	60 940	45 710
DIESEL OIL / DIESEL OLIE	54 160	45 490
◒ DIESEL OIL / DIESELOLIE	56 950	47 840

Revision / Hersiening							
Date / Datum							

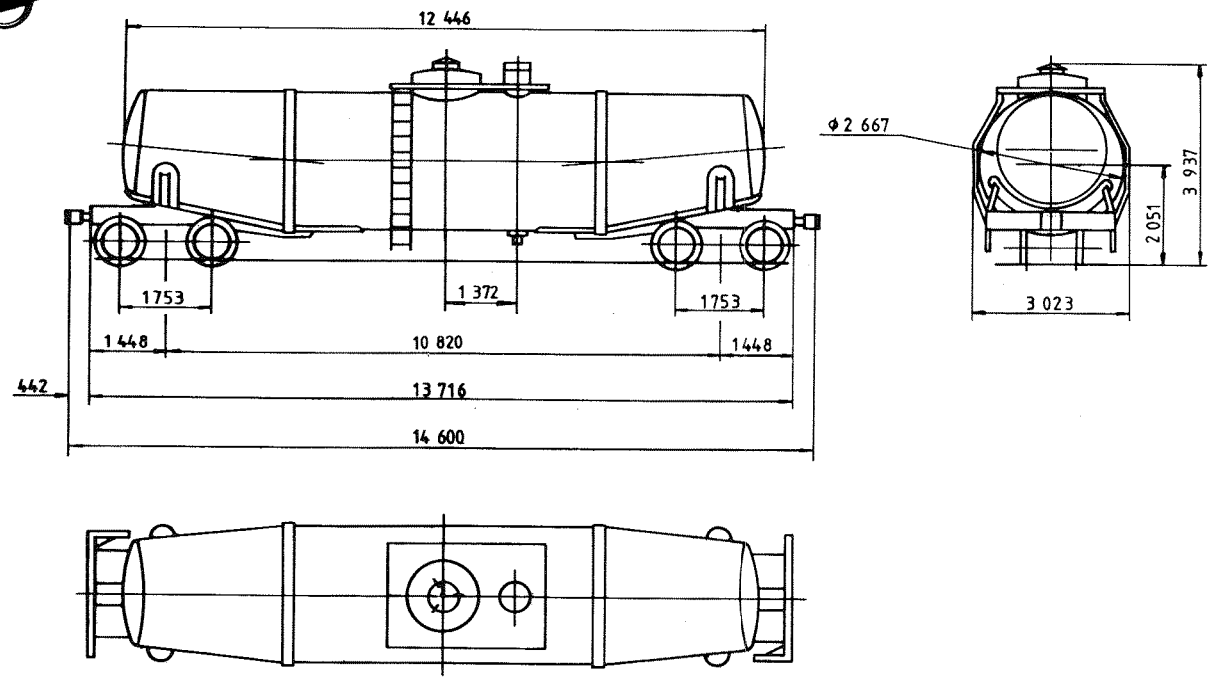
XPD-15

S.A.R. - S.A.S.

Page / Bladsy

XPD-15

92



Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
38 - 501 007 / 38 - 506 483	1971 - 73

Converted from / Omskep van	Date / Datum
XPD - 15	1982 -

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remverateller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

Remarks / Opmerkings :- ☑ EPOXY - RESIN PAINT (EPILUX 4) OR EPOXY ENAMEL WHITE COATING (COPON EA3 / EA7)
EPOKSIHARSVERF OF WIT EPOKSI - EMALJEBEDEKKING

For actual loads, capacities and ullages see drawing number CME 240/12 - A99
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer

Drawing Number / Tekeningnommer	W.001 / D005		
Bogie Type / Draaisteltipe	SPOOR BARBER		
Bearing Size / Laergrootte	D		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	◒ 10/10 ◒ 10/8		
Brake System / Remstelsel	V/R		
Brake Cylinders / Remsilinders	(V) 2/18	(L)	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 58,8 / 20	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR-SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 342
Tank Material / Tenkmateriaal	SPEC. CME 9 SYM. 8 / SPES. SIM.
Tank Lining / Tenkvoering	☑
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	PETROL JET FUEL STRALERBRANDSTOF
Converted for / Omskep vir	
Revision / Hersiening	
Date / Datum	

Capacity (full) / Inhoudsvermoë (vol) L	61 750	Tare (Average) / Tarra (Gemiddeld) kg	24 700
Contents / Inhoud		Capacity / Inhoudsvermoë L	Mass / Massa kg
◒ PETROL		60 930	45 090
☑ JET FUEL ◒ STRALERBRANDSTOF		59 820	47 860
◒ DIESEL OIL / DIESELOLIE		54 460	45 740
◒ DIESEL OIL / DIESELOLIE		57 120	47 980

XPJ - 15

93

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

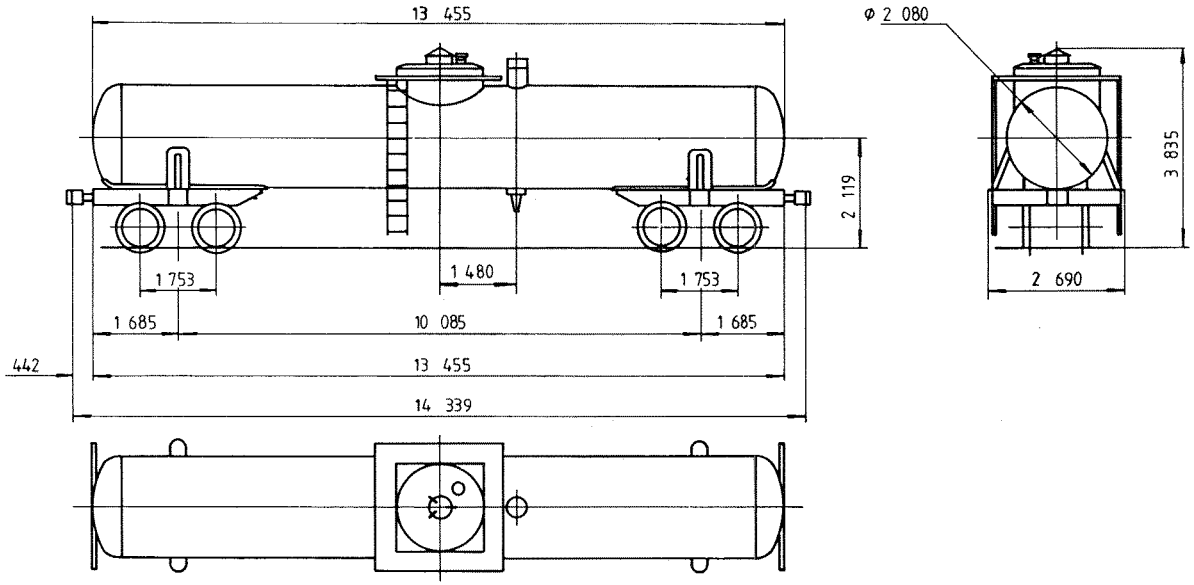
V Vacuum
Vakuum

L Air
Lug

D Dual Power - Manually operated
Tweekrag - Handbediening

A Dual Power - Automatic
Tweekrag - Outomaties

R Slack Adjuster
Remversteller



Remarks
Opmerkings :-

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
38 - 036 665 / 38 - 039 966	1973 - 74

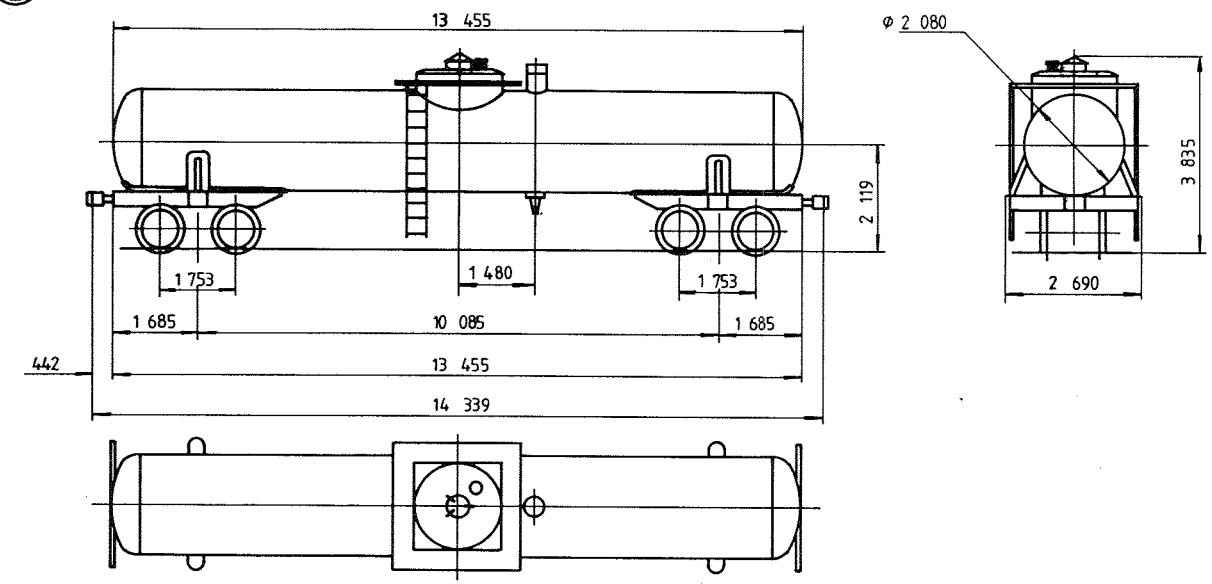
Converted from Omskep van	Date Datum

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number Tekeningnommer	W 001 / M001		Centre of Gravity (Empty) Swaartepunt (Leeg)	1 302		Capacity (full) Inhoudsvermoë (vol) l	44 420	Tare (Average) Tarra (Gemiddeld) kg	22 420
Bogie Type Draaisteltipe	SPOORBARBER					Contents Inhoud		Capacity Inhoudsvermoë l	Mass Massa kg
Bearing Size Laergrootte	C					PETROL		44 420	37 580 MAX MAKS
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	10 / 4		Tank Material Tenkmateriaal	B.S. 1501 - 151 GR 28A					
Brake System Remstelsel	V / R		Tank Lining Tenkvoering						
Brake Cylinders Remsilinders	(V) 2 / 18	(L)	Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor	60 000					
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for Oorspronklik ontwerp vir	WHITE PETROLEUM PRODUCTS WIT PETROLEUMPRODUKTE					
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 74,8 / 27,38	(L)	Converted for Omskep vir						
Drawgear Equipment Trekwerkuitrusting	AAR M901 E		Revision Hersiening						
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR - SAS		Date Datum						

XP - 16

34



Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulièse kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulièse kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remverateller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

Remarks / Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
38-036 ~~665~~ 703 / 38-039 966	1973-74

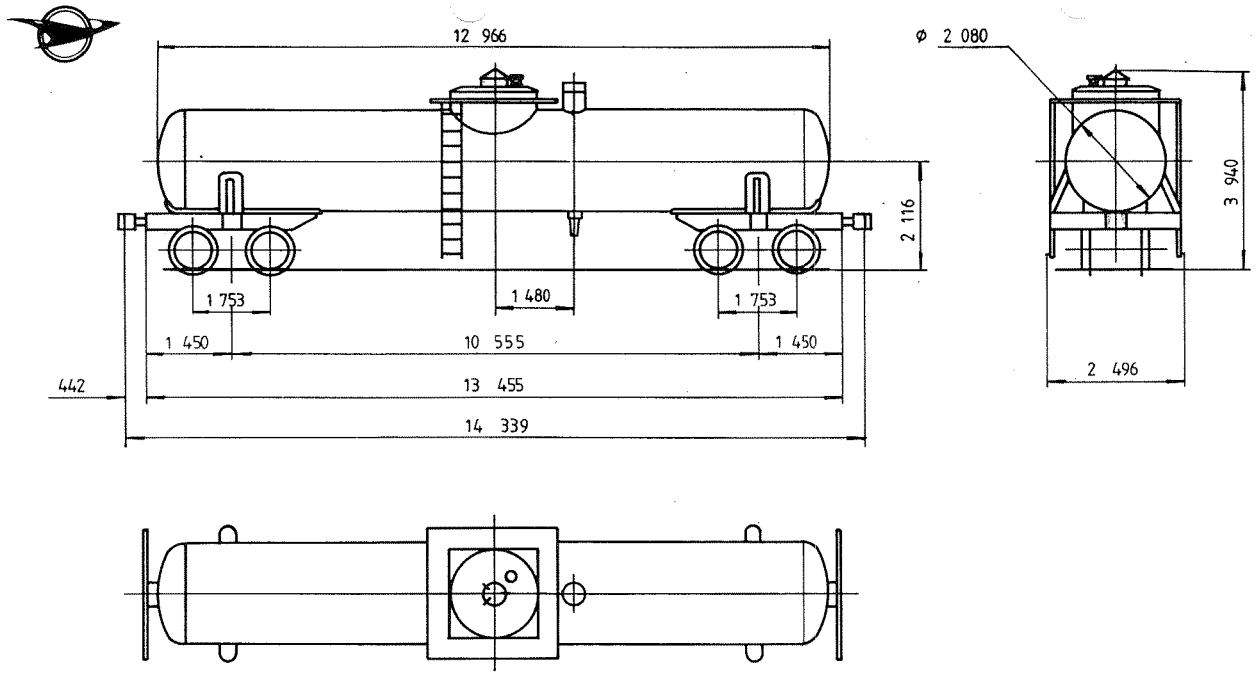
Converted from / Omskep van	Date / Datum
XP-16	1985-

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12-A99

Drawing Number / Tekeningnommer	W.001 / M001		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 302	Capacity (full) / Inhoudsvermoë (vol)	l 44 420	Tare (Average) / Tarra (Gemiddeld)	kg 22 420	
Bogie Type / Draaisteltipe	SPOORBARBER				Contents / Inhoud		Capacity / Inhoudsvermoë	l	Mass / Massa kg
Bearing Size / Laergrootte	C				PETROL		44 420		37 580 MAX / MAKS
Springs per Bogie / Vere per Draaistel — Outer / Buite — Inner / Binne	10 / 4		Tank Material / Tenkmateriaal	B.S. 1501 - 151 GR 28A					
Brake System / Remstelsel	V / R		Tank Lining / Tenkvoering						
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)	Design Limit - Mass on Rail / Ontwerplimiet - Massa op Spoor kg	60 000					
Train Pipe / Treinpyp; Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	WHITE PETROLEUM PRODUCTS / WIT PETROLEUMPRODUKTE					
Brake Percentage — Empty / Leeg — Loaded / Met Vrag	(V) 60,6 / 22,8	(L)	Converted for / Omskep vir						
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening	1					
Coupler / Yoke / Koppelaar / Juk	SASK[illegible]S / SAR - SAS		Date / Datum	87/11/31					

XPJ-16

95



Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
Dual Power-Automatic / Tweekrag-Outomaties A
Slack Adjuster / Remversteller R
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

Remarks / Opmerkings :
- ◑ EPOXY - RESIN BASE PAINT / EPOKSIHARSBASIS VERF (EPIDERMIX 330)
- ◐ EPOXY ENAMEL WHITE COATING / WIT EPOKSI – EMALJEBEDEKKING (DULUX HICHEM ENAMEL)

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
◑ 38 - 041 ~~065~~ (1) / 38 - 041 ~~616~~ 8	1978
◐ 38 - 041 626 / 38 - 042 169	

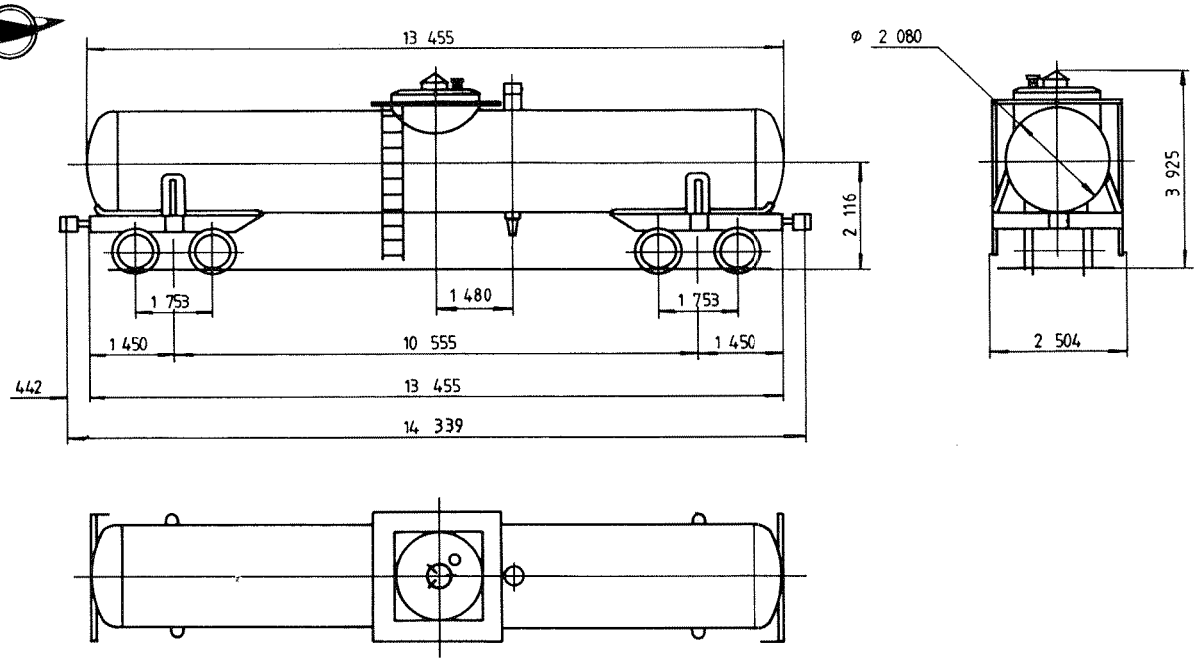
Converted from / Omskep van	Date / Datum

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W.001 / V 014		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 315	Capacity (full) / Inhoudsvermoë (vol) l	42 390	Tare (Average) / Tarra (Gemiddeld) kg	22 480
Bogie Type / Draaisteltipe	SPOORBARBER "HYBRID"				Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
Bearing Size / Laergrootte	D				PETROL		42 390	37 520 MAX / MAKS
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 4		Tank Material / Tenkmateriaal	SPEC CME 9 SYM 8 / SPES SIM	JET FUEL / STRALERBRANDSTOF ◒	42 390		37 520 MAX / MAKS
Brake System / Remstelsel	V / R		Tank Lining / Tenkvoering	◒				
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000				
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (50)	(L)	Originally designed for / Oorspronklik ontwerp vir	WHITE PETROLEUM PRODUCTS / WIT PETROLEUMPRODUKTE				
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 72,6 / 27,2	(L)	Converted for / Omskep vir					
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening	1	2			
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum	86/4/30	87/7/31			

XP - 17

96



Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
38 - 039 974 / 38 - 041 057	1978

Converted from / Omskep van	Date / Datum

Remarks / Opmerkings :

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12-A99

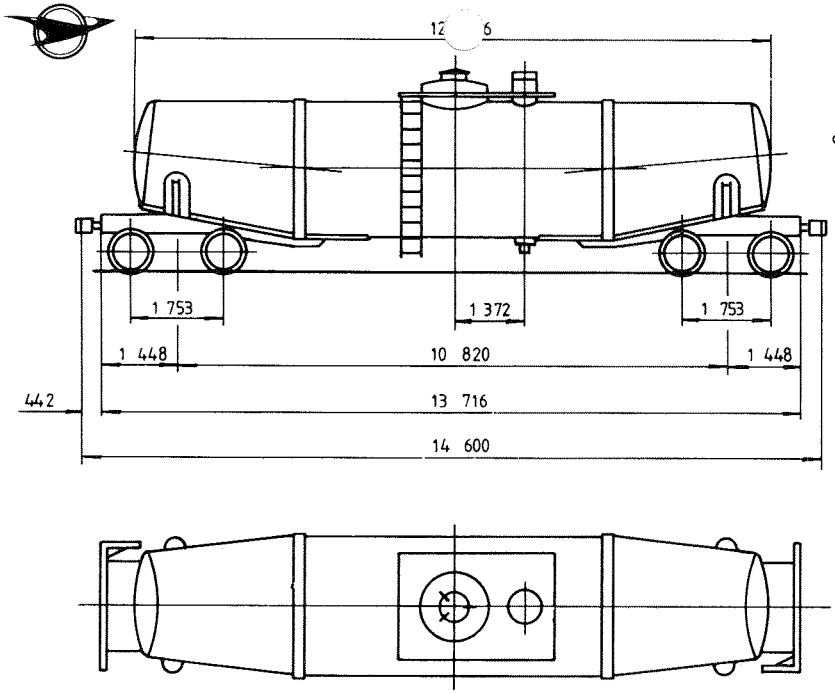
Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

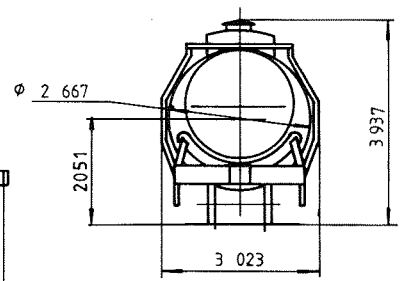
Brake System -- Remsteisel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Drawing Number / Tekeningnommer	W. 001 / M003	
Bogie Type / Draaisteltipe	H.S. MK III	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 4	
Brake System / Remstelsel	V / R	
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 74,4 / 28	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1236		Capacity (full) / Inhoudsvermoë (vol)	l	44 420	Tare (Average) / Tarra (Gemiddeld) kg	22 580
			Contents / Inhoud			Capacity / Inhoudsvermoë l	Mass / Massa kg
			PETROL			44 420	37 420 MAX / MAKS
Tank Material / Tenkmateriaal	BS. 1501 - 151 GR 28						
Tank Lining / Tenkvoering							
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000						
Originally designed for / Oorspronklik ontwerp vir	WHITE PETROLEUM PRODUCTS / WIT PETROLEUMPRODUKTE						
Converted for / Omskep vir							
Revision / Hersiening							
Date / Datum							

XP - 18





Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Remarks
Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
38 - 043 270 / 38 - 043 351	1977

Converted from / Omskep van	Date / Datum
ISCOR WAGONS Nos. 701 - 706, YSKOR TROKKE 708 - 710	1983

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	AB 210352	
Bogie Type / Draaisteltipe	SPOORBARBER	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 10	
Brake System / Remstelsel	V / R	
Brake Cylinders / Remsilinders	(V) 1/18	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 62, 7/20, 8	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS	

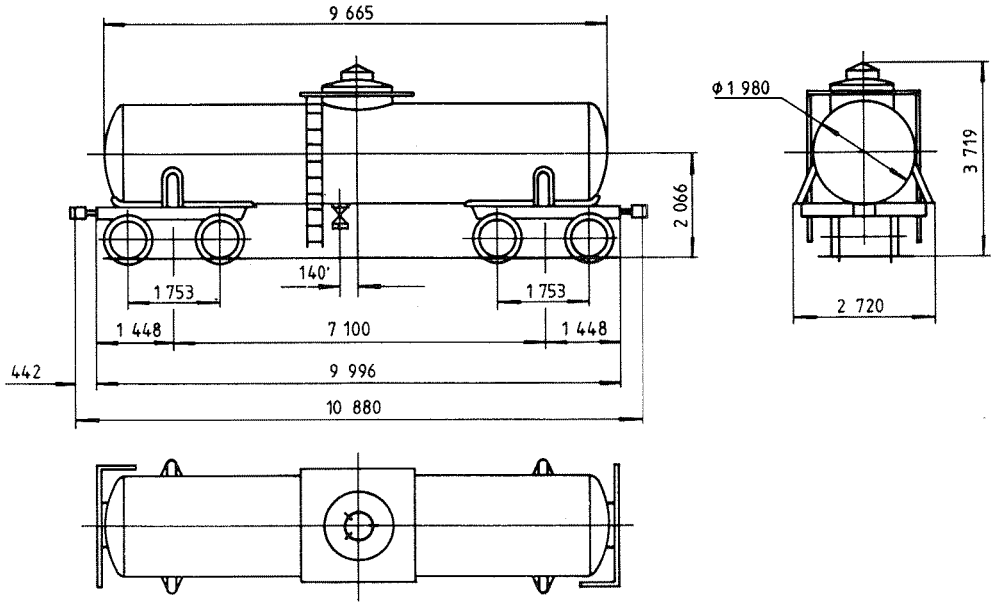
Centre of Gravity (Empty) / Swaartepunt (Leeg)						
Tank Material / Tenkmateriaal	SPEC / SPES CME 9	SYM / SIM 8				
Tank Lining / Tenkvoering						
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000					
Originally designed for / Oorspronklik ontwerp vir	DIESEL OIL / DIESELOLIE					
Converted for / Omskep vir						
Revision / Hersiening						
Date / Datum						

Capacity (full) / Inhoudsvermoë (vol) L	62 120	Tare (Average) / Tarra (Gemiddeld) kg	23 890

Contents / Inhoud	Capacity / Inhoudsvermoë L	Mass / Massa kg
DIESEL OIL / DIESELOLIE	57 480	48 280
PETROL	61 300	45 360

XPJ - 20

101



Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

A Dual Power-Automatic
Tweekrag-Outomaties
R Slack Adjuster
Remversteller

V Vacuum
Vakuum
L Air
Lug
D Dual Power-Manually operated
Tweekrag - Handbediening

Remarks
Opmerkings

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
39 - 010 015 / 39 - 014 398	1971 - 73

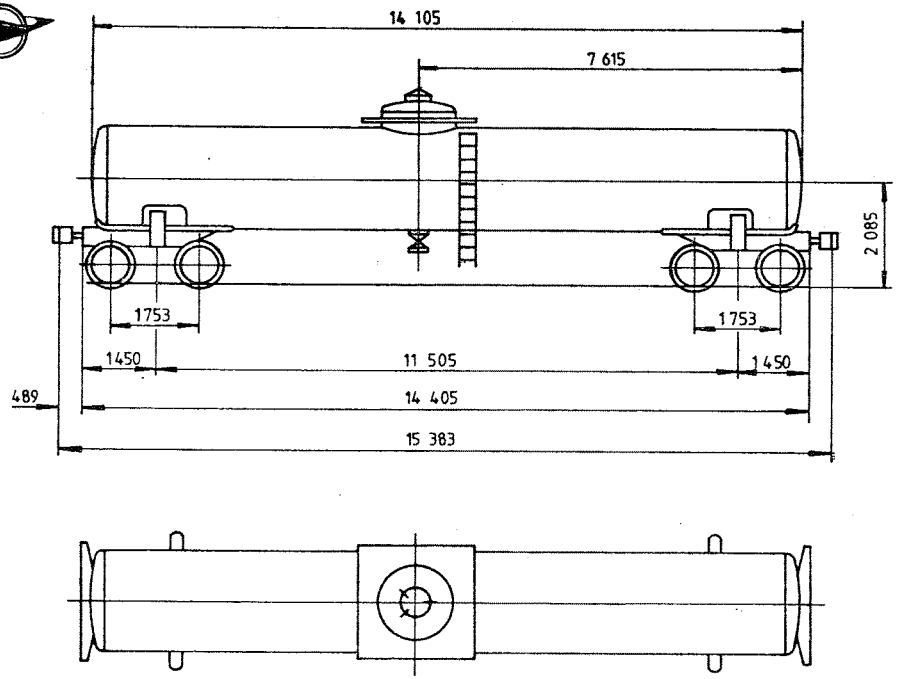
Converted from Omskep van	Date Datum
XQ - 1	1984 - 86

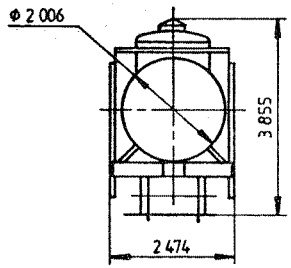
For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number Tekeningnommer	W.1 / 20121 W.001 / V004		Centre of Gravity (Empty) Swaartepunt (Leeg)	1 113	Capacity (full) Inhoudsvermoë (vol) l	29 230	Tare (Average) Tarra (Gemiddeld) kg	18 700
Bogie Type Draaisteltipe	SPOORBARBER				Contents Inhoud		Capacity Inhoudsvermoë l	Mass Massa kg
Bearing Size Laergrootte	C				TREACLE STROOP		28 660	41 300
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	10 / 4		Tank Material Tenkmateriaal	BS 1501 - 151 GR28A				
Brake System Remstelsel	V/L / R		Tank Lining Tenkvoering					
Brake Cylinders Remsilinders	(V) 2/18	(L) 2 / 7×12	Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor	60 000				
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L) 32	Originally designed for Oorspronklik ontwerp vir	TREACLE STROOP				
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V)69,39/22	(L)69,54/22	Converted for Omskep vir					
Drawgear Equipment Trekwerkuitrusting	AAR M901 E		Revision Hersiening	1				
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR - SAS		Date Datum	86/12/19				

XQLJ-1

01 A





Remarks
Opmerkings :

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
39 - 014 401 / 39 - 015 769	1980 - 81

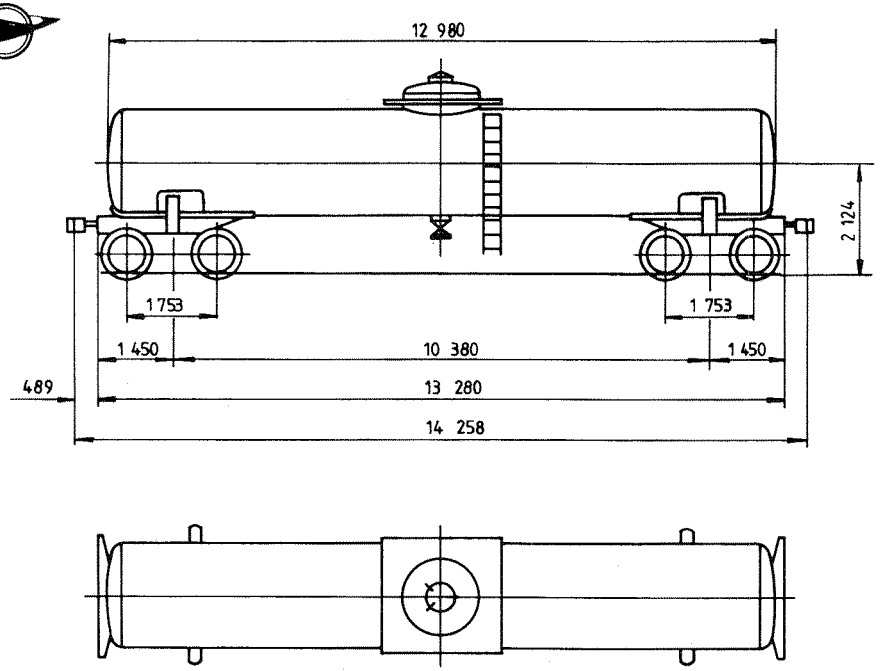
Converted from / Omskep van	Date / Datum
XQJ - 2	1985 - 86

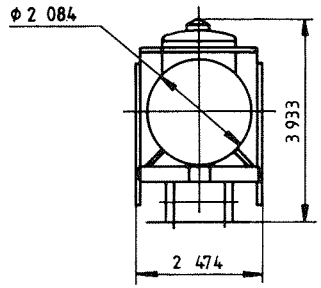
For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer		Centre of Gravity (Empty) / Swaartepunt (Leeg)		Capacity (full) / Inhoudsvermoë (vol) L	44 080	Tare (Average) / Tarra (Gemiddeld) kg	23 540
Bogie Type / Draaisteltipe	H.S. MK VII			Contents / Inhoud		Capacity / Inhoudsvermoe L	Mass / Massa kg
Bearing Size / Laergrootte	D			TREACLE / STROOP		43 100	56 460
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 10	Tank Material / Tenkmateriaal	SPEC. CME 9, SYM. 8 / SPES. CME 9, SIM. 8				
Brake System / Remstelsel	V/L/R	Tank Lining / Tenkvoering					
Brake Cylinders / Remsilinders	(V) 2/18 (L) 1/10"x12"	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	80 500				
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (L) 32	Originally designed for / Oorspronklik ontwerp vir	TREACLE / STROOP				
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 72,04/21,19 (L) 68,07/20,03	Converted for / Omskep vir					
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	Revision / Hersiening					
Coupler / Yoke / Koppelaar / Juk	E / E	Date / Datum					

XQLJ - 2

103





Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Remarks / Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
39-015 777 – 39-016 595	1984

Converted from / Omskep van	Date / Datum

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12-A99

Drawing Number / Tekeningnommer	W001 / F 038		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 267	Capacity (full) / Inhoudsvermoë (vol) L	43 750	Tare (Average) / Tarra (Gemiddeld) kg	23 260
Bogie Type / Draaisteltipe	HS MK VII				Contents / Inhoud		Capacity / Inhoudsvermoë L	Mass / Massa kg
Bearing Size / Laergrootte	D				TREACLE / STROOP		42 840	56 740 MAX. / MAKS.
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 10		Tank Material / Tenkmateriaal	SPEC / SPES CME 9, SYM / SIM 8				
Brake System / Remstelsel	V / L / R		Tank Lining / Tenkvoering					
Brake Cylinders / Remsilinders	(V) 2/18	(L) 1 / 10 × 12	Design Limit-Mass on Rail kg / Ontwerplimiet-Massa op Spoor	80 000				
Train Pipe / Treinpyp	(V) 65	(L) 32	Originally designed for / Oorspronklik ontwerp vir	TREACLE / STROOP				
Brake Pipe / Rempyp								
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 74,3/21,6	(L) 65 / 18,9	Converted for / Omskep vir					
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening					
Coupler / Yoke / Koppelaar / Juk	E / E		Date / Datum					

XQLJ-3

104

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

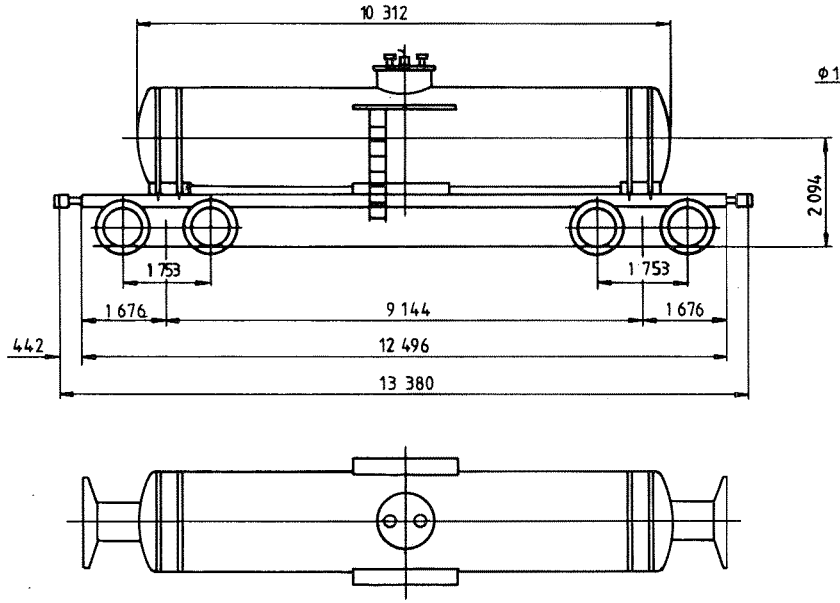
V Vacuum
Vakuum

L Air
Lug

D Dual Power - Manually operated
Tweekrag - Handbediening

A Dual Power - Automatic
Tweekrag - Outomaties

R Slack Adjuster
Remversteller



Remarks
Opmerkings :

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
43-011 063 43-011 349	1961 1960

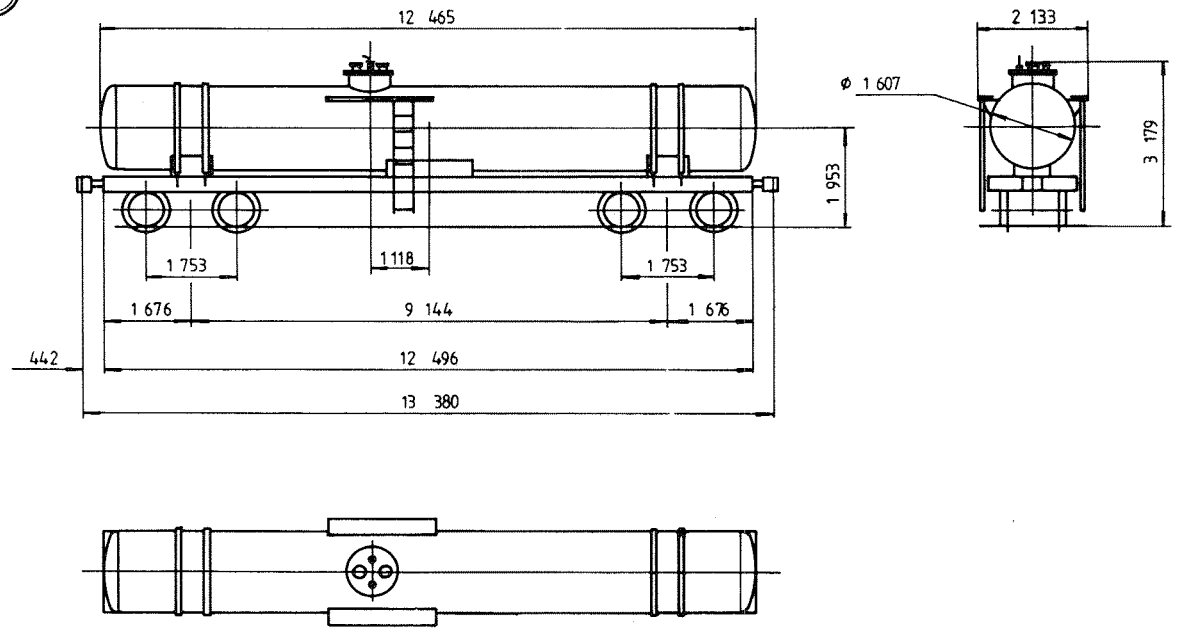
Converted from Omskep van	Date Datum
X-21	1961

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12-A99

Drawing Number Tekeningnommer	CME 158/12-A21		Centre of Gravity (Empty) Swaartepunt (Leeg)		Capacity (full) Inhoudsvermoë(vol) l	30 630	Tare (Average) Tarra(Gemiddeld) kg	20 190
Bogie Type Draaisteltipe	SARCAST				Contents Inhoud		Capacity Inhoudsvermoë l	Mass Massa kg
Bearing Size Laergrootte	11×5 1/2				SPENT ACID VUILSUUR		30 290	51 480
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	6/6		Tank Material Tenkmateriaal	SPEC CME 9 SYM 8 SPES SIM				
Brake System Remstelsel	V		Tank Lining Tenkvoering					
Brake Cylinders Remsilinders	(V) 2/18	(L)	Design Limit-Mass on Rail kg Ontwerplimiet-Massa op Spoor					
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50)	(L)	Originally designed for Oorspronklik ontwerp vir	WATER TREACLE OIL STROOP OLIE				
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 83,3/23,5	(L)	Converted for Omskep vir	SULPHURIC ACID, AMMONIA SWAWELSUUR, AMMONIAK				
Drawgear Equipment Trekwerkuitrusting	AAR M901 E		Revision Hersiening					
Coupler / Yoke Koppelaar / Juk	SASKOP-S / SAR-SAS		Date Datum					

XS-5

105



Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
A Dual Power-Automatic / Tweekrag-Outomaties / Slack Adjuster / Remversteller
D Dual Power - Manually operated / Tweekrag - Handbediening
L Air / Lug
V Vacuum / Vakuum

Remarks / Opmerkings :

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
43 - 012 000 / 43 - 012 310	1964

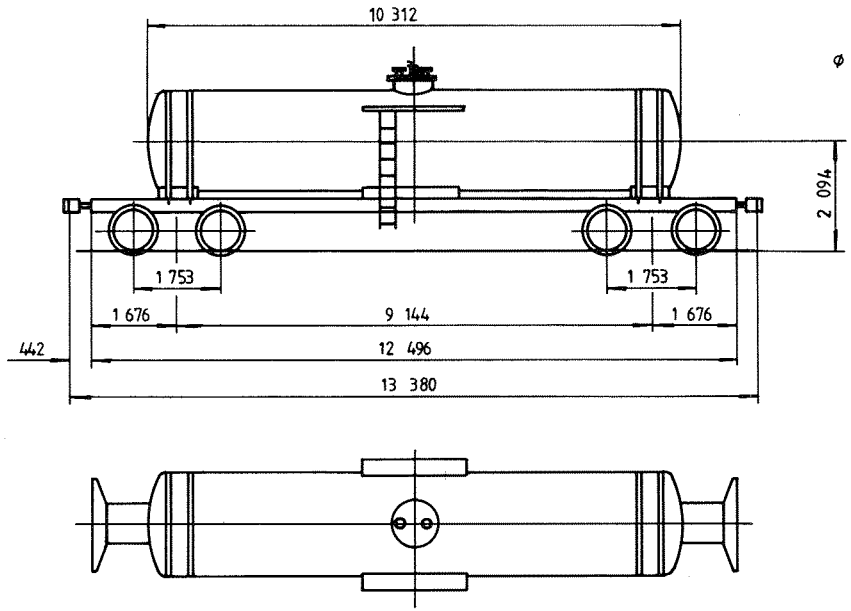
Converted from / Omskep van	Date / Datum

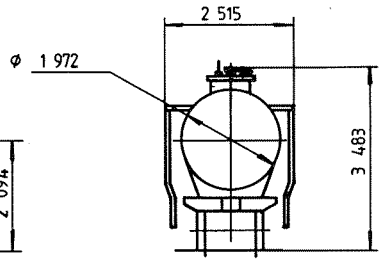
For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	CME 140 / 12 - A21		Centre of Gravity (Empty) / Swaartepunt (Leeg)		Capacity (full) / Inhoudsvermoë (vol)	l	24 700	Tare (Average) / Tarra (Gemiddeld)	kg 21 780
Bogie Type / Draaisteltipe	SARCAST				Contents / Inhoud			Capacity / Inhoudsvermoë	l Mass / Massa kg
Bearing Size / Laergrootte	11 × 5 1/2				SULPHURIC ACID / SWAWELSUUR			23 950	44 140
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6 / 6		Tank Material / Tenkmateriaal	SPEC / SPES CME 9, SYM / SIM 8					
Brake System / Remstelsel	V		Tank Lining / Tenkvoering						
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor						
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	SULPHURIC ACID / SWAWELSUUR					
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 85,2 / 28,2	(L)	Converted for / Omskep vir						
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		Revision / Hersiening						
Coupler / Yoke / Koppelaar / Juk	SASKO - S / SAR - SAS		Date / Datum						

XS - 6

106





Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Remarks
Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
43 - 013 007 / 43 - 013 171	1958 - 61

Converted from / Omskep van	Date / Datum
X - 21	1969

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

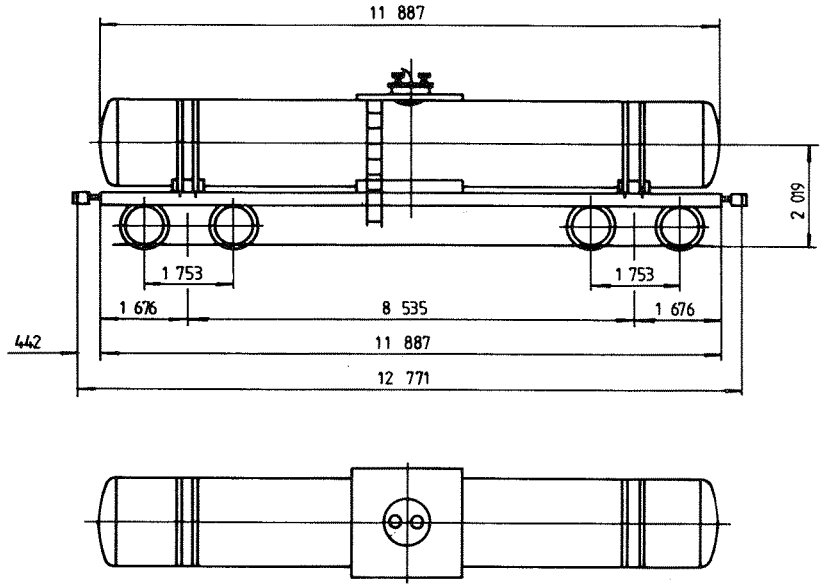
Drawing Number / Tekeningnommer	CME 158 / 12 - A21		Centre of Gravity (Empty) / Swaartepunt (Leeg)		Capacity (full) / Inhoudsvermoë (vol) l	30 830	Tare (Average) / Tarra (Gemiddeld) kg	20 190
Bogie Type / Draaisteltipe	SARCAST				Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
Bearing Size / Laergrootte	11 × 5 1/2				SULPHURIC ACID / SWAWELSUUR		25 550	47 010
Springs per Bogie / Vere per Draaistel — Outer / Buite — Inner / Binne	6 / 6		Tank Material / Tenkmateriaal	SPEC / SPES CME 9, SYM / SIM B				
Brake System / Remstelsel	V		Tank Lining / Tenkvoering					
Brake Cylinders / Remsilinders	(V) 2/18	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor					
Train Pipe / Treinpyp; Brake Pipe / Rempyp	(V) 65 (50)	(L)	Originally designed for / Oorspronklik ontwerp vir	WATER / TREACLE / STROOP / OIL / OLIE				
Brake Percentage — Empty / Loaded / Leeg / Met Vrag — Rempersentasie	(V) 83,3/25	(L)	Converted for / Omskep vir	SULPHURIC ACID / SWAWELSUUR / AMMONIA / AMMONIAK				
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		Revision / Hersiening					
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum					

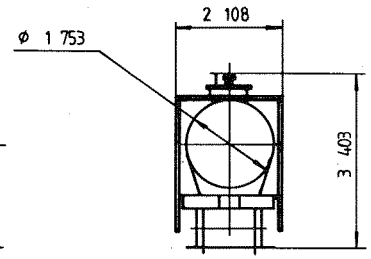
XS-7

108

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulièse kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulièse kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller





Remarks
Opmerkings :-

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
43 - 500 005 / 43 - 500 765	1971

Converted from / Omskep van	Date / Datum
XSD - 8	1984 - 86

Drawing Number / Tekeningnommer	W. 1 / 20095
Bogie Type / Draaisteltipe	SPOORBARBER
Bearing Size / Laergrootte	D
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 10
Brake System / Remstelsel	V / R
Brake Cylinders / Remsilinders	(V) 2 / 18 (L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 69,5 / 22 (L)
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS

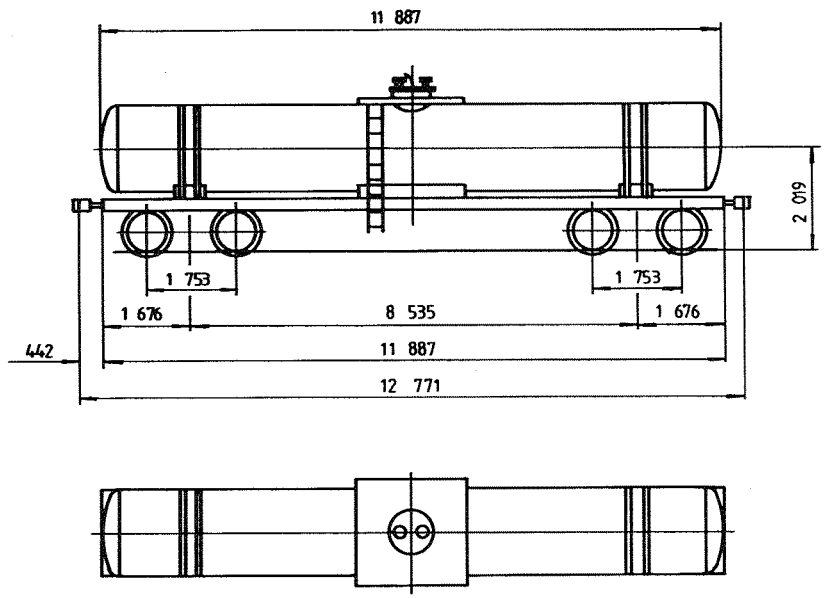
Centre of Gravity (Empty) / Swaartepunt (Leeg)	1092
Tank Material / Tenkmateriaal	SPEC SPES CME 9, SYM SIM 8
Tank Lining / Tenkvoering	
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000
Originally designed for / Oorspronklik ontwerp vir	SULPHURIC ACID SWAWELSUUR
Converted for / Omskep vir	
Revision / Hersiening	1
Date / Datum	86/12/19

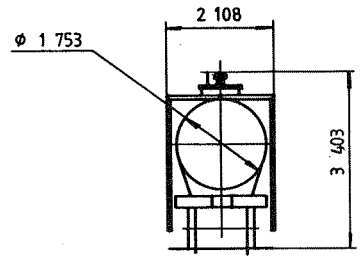
Capacity (full) / Inhoudsvermoë (vol) l	Tare (Average) / Tarra (Gemiddeld) kg
28 890	23 180

Contents / Inhoud	Capacity / Inhoudsvermoë l	Mass / Massa kg
SULPHURIC ACID SWAWELSUUR	27 760	51 080

XSJ - 8

110





Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Remarks / Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
1230 43 - 500 773 / 43 - 501 656	1971

Converted from / Omskep van	Date / Datum
XSD - 9	1985-

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W.004 / F001
Bogie Type / Draaisteltipe	SPOORBARBER
Bearing Size / Laergrootte	D
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 10
Brake System / Remstelsel	~~V/B/R~~ V / R
Brake Cylinders / Remsilinders	(V) 2/18 (L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 72,7/23 (L)
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR - SAS

Centre of Gravity (Empty) / Swaartepunt (Leeg)			1 084			
Tank Material / Tenkmateriaal			SPEC CME 9, SYM 8 SPES SIM			
Tank Lining / Tenkvoering						
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor			74 000			
Originally designed for / Oorspronklik ontwerp vir			SULPHURIC ACID SWAWELSUUR			
Converted for / Omskep vir						
Revision / Hersiening	1	2	3			
Date / Datum	86/4/30	86/12/19	87/7/31			

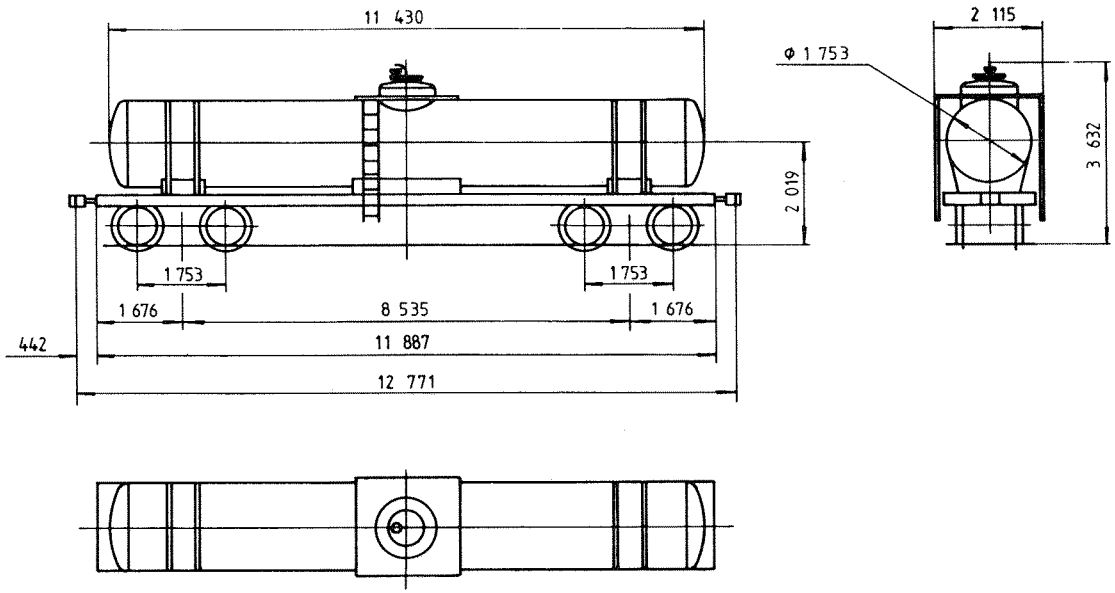
Capacity (full) / Inhoudsvermoë (vol) l	28 630	Tare (Average) / Tarra (Gemiddeld) kg	23 400
Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
SULPHURIC ACID SWAWELSUUR		27 500	50 600

XSJ - 9

///

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remsteelsel
A Dual Power-Automatic / Tweekrag-Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening



Remarks
Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
43-501 664 / 43-501 923	1971

Converted from / Omskep van	Date / Datum

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12-A99

Drawing Number / Tekeningnommer	W. 001 / F 005	
Bogie Type / Draaisteltipe	SPOORBARBER	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 10	
Brake System / Remstelsel	~~V/D+R~~ V/R.	
Brake Cylinders / Remsilinders	(V) 4/18	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 52,1 / 34	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SA[illegible] - S / SAR - SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	980				
			Contents / Inhoud	Capacity / Inhoudsvermoë (l)	Mass / Massa kg
			SULPHURIC ACID / SWAWELSUUR	27 440	50 490
Tank Material / Tenkmateriaal	SPEC / SPES CME 9,	SYM / SIM 8			
Tank Lining / Tenkvoering					
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000				
Originally designed for / Oorspronklik ontwerp vir	SULPHURIC ACID / SWAWELSUUR				
Converted for / Omskep vir					
Revision / Hersiening	1	2			
Date / Datum	86/4/30	F6/12/19			

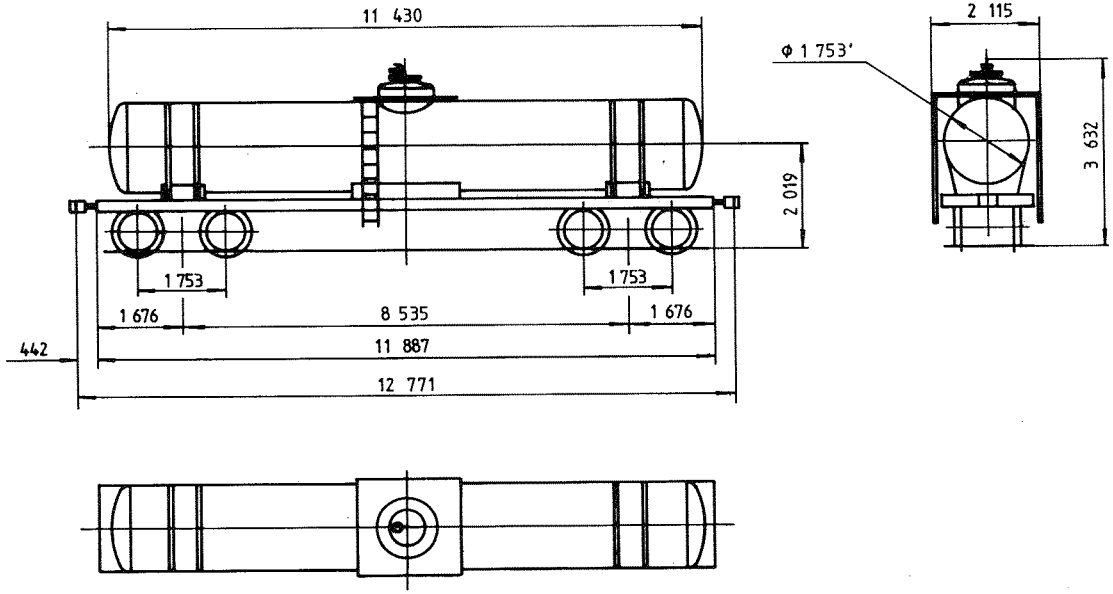
Capacity (full) / Inhoudsvermoë (vol) l	Tare (Average) / Tarra (Gemiddeld) kg
27 440	23 270

XSD-10

112

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller



Remarks
Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
43-501 664 / 43-501 923	1971

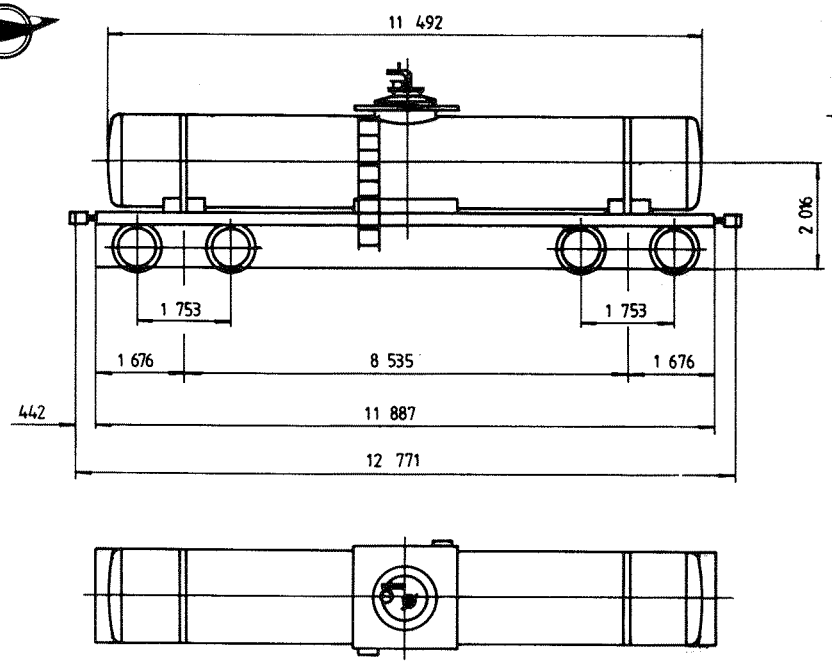
Converted from / Omskep van	Date / Datum
XSD-10	1985-86

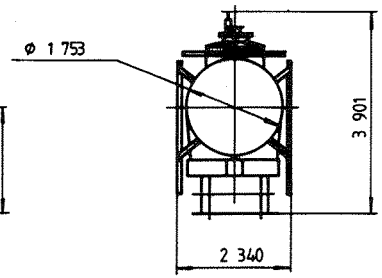
For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12-A99

Drawing Number / Tekeningnommer	W.001 / F 005		Centre of Gravity (Empty) / Swaartepunt (Leeg)	980		Capacity (full) / Inhoudsvermoë (vol) l	27 440	Tare (Average) / Tarra (Gemiddeld) kg: 23 270
Bogie Type / Draaisteltipe	SPOORBARBER					Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
Bearing Size / Laergrootte	D					SULPHURIC ACID / SWAWELSUUR		27 440	50 490
Springs per Bogie / Vere per Draaistel — Outer / Buite — Inner / Binne	10 / 10		Tank Material / Tenkmateriaal	SPEC SPES CME 9, SYM SIM B					
Brake System / Remstelsel	~~V/D/L/B~~ V/R		Tank Lining / Tenkvoering						
Brake Cylinders / Remsilinders	(V) 2/18	(L)	Design Limit - Mass on Rail / Ontwerplimiet - Massa op Spoor kg	74 000					
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	SULPHURIC ACID / SWAWELSUUR					
Brake Percentage / Rempersentasie — Empty / Leeg / Loaded / Met Vrag	(V) 73/23	(L)	Converted for / Omskep vir						
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening	1	2				
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum	86/4/30	86/12/19				

XSJ-10

113





Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Remarks / Opmerkings :

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
43 - 013 198 / 43 - 013 511	1977
43 - 013 538 / 43 - 014 607	1977

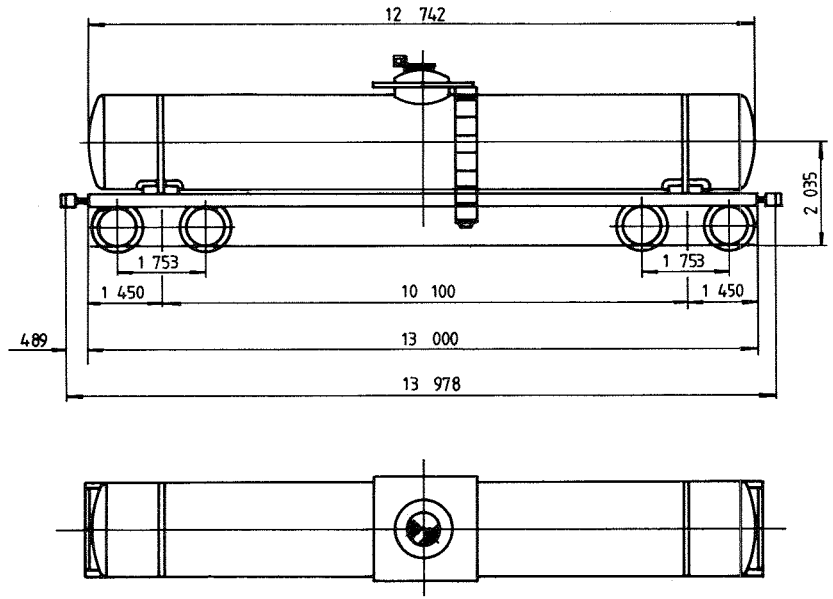
Converted from / Omskep van	Date / Datum

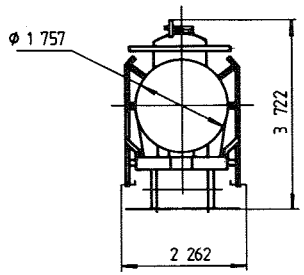
For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W.001 / F023		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 157	Capacity (full) / Inhoudsvermoë (vol)	l 27 330	Tare (Average) / Tarra (Gemiddeld)	kg 22 400
Bogie Type / Draaisteltipe	SPOORBARBER H.S. MK III				Contents / Inhoud		Capacity / Inhoudsvermoë	l Mass / Massa kg
Bearing Size / Laergrootte	D				SULPHURIC ACID / SWAWELSUUR		27 330	50 290
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/10		Tank Material / Tenkmateriaal	SPEC CME 9, SPES	SYM SIM 8			
Brake System / Remstelsel	V/R		Tank Lining / Tenkvoering					
Brake Cylinders / Remsilinders	(V) 2/18	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	74 000				
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	SULPHURIC ACID / SWAWELSUUR				
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 87? /27	(L)	Converted for / Omskep vir					
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening					
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum					

XS - 11

114





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
43 - 014 615 / 43 - 015 719 43 - 015 727 / 43 - 016 804	1980 - 81 1981 - 82

Converted from / Omskep van	Date / Datum

Remarks / Opmerkings :

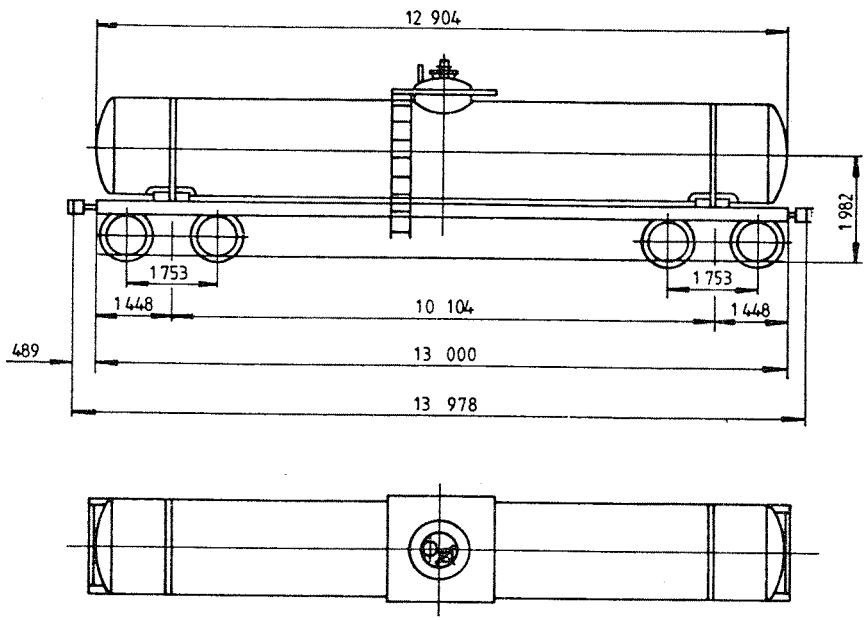
For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

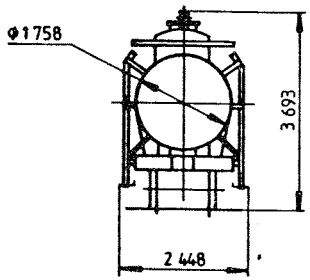
Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

Drawing Number / Tekeningnommer	W. 001 / D 061 W. 001 / D 071		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 160	Capacity (full) / Inhoudsvermoë (vol) l	30 450	Tare (Average) / Tarra (Gemiddeld) kg	23 330	
Bogie Type / Draaisteltipe	H.S. MK VII				Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg	
Bearing Size / Laergrootte	D				SULPHURIC ACID / SWAWELSUUR		27 310	50 670 MAX / MAKS	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 10		Tank Material / Tenkmateriaal	SPEC CME 9, SYM 8 / SPES SIM					
Brake System / Remstelsel	V / R		Tank Lining / Tenkvoering						
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	80 000					
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	SULPHURIC ACID / SWAWELSUUR					
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 75,4 / 23,8	(L)	Converted for / Omskep vir						
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening						
Coupler / Yoke / Koppelaar / Juk	SE / E		Date / Datum						

XSJ - 12





Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

A Dual Power - Automatic / Tweekrag - Outomaties

R Slack Adjuster / Remversteller

V Vacuum / Vakuum

L Air / Lug

D Dual Power - Manually operated / Tweekrag - Handbediening

Remarks
Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
43 - 016 812 / 43 - 017 355	1985- 86

Converted from / Omskep van	Date / Datum

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W.001 / D088	
Bogie Type / Draaisteltipe	H.S. MK VII	
Bearing Size / Laergrootte	D	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 10	
Brake System / Remstelsel	V / R	
Brake Cylinders / Remsilinders	(V) 2 / 21	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 75,81 / 23,8	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	S[illegible]	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 149	Capacity (full) / Inhoudsvermoë (vol)	30 970	Tare (Average) / Tarra (Gemiddeld) kg	23 240
		Contents / Inhoud		Capacity / Inhoudsvermoë	Mass / Massa kg
		SULPHURIC ACID / SWAWELSUUR		27 480	50 760
Tank Material / Tenkmateriaal	SPEC. CME 9, SYM. SPES. SIM. 8				
Tank Lining / Tenkvoering					
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	80 000				
Originally designed for / Oorspronklik ontwerp vir	SULPHURIC ACID / SWAWELSUUR				
Converted for / Omskep vir					
Revision / Hersiening					
Date / Datum					

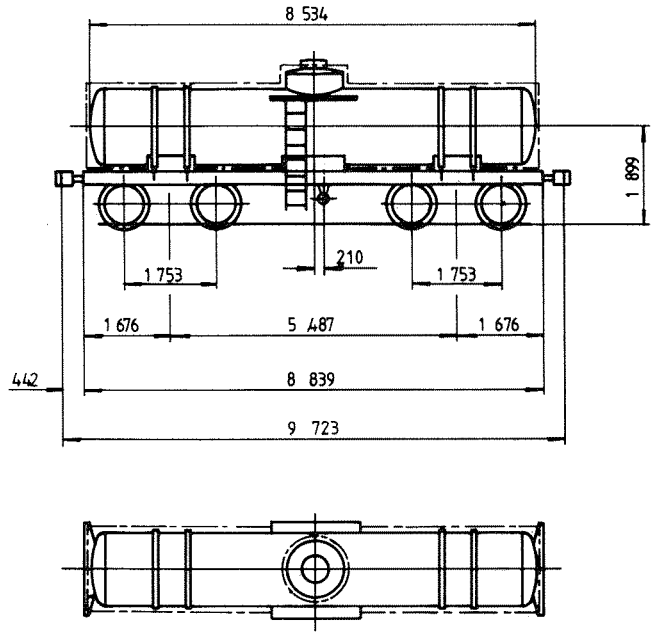
XSJ - 13

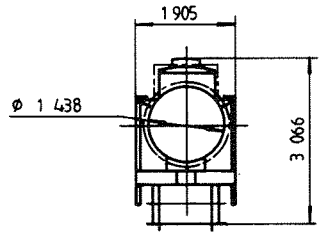
115

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

XT - 1





Remarks / Opmerkings : Fitted with Steam Heating Elements / Toegerus met Elemente vir Stoomverwarming

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
44 - 010 001	1939

Converted from / Omskep van	Date / Datum

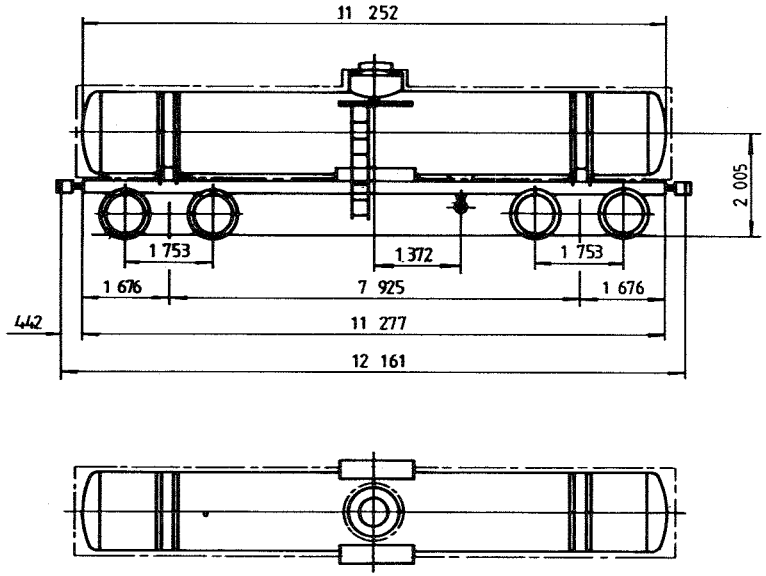
For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

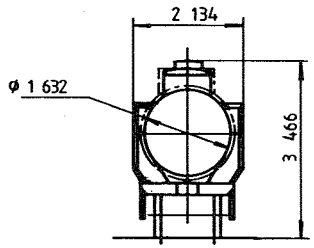
Drawing Number / Tekeningnommer	W. 1 / 9954		Centre of Gravity (Empty) / Swaartepunt (Leeg)			Capacity (full) / Inhoudsvermoë (vol)	12 500	Tare (Average) / Tarra (Gemiddeld) kg	19 880
Bogie Type / Draaisteltipe	DIAMOND FRAME / RUITRAAM					Contents / Inhoud		Capacity / Inhoudsvermoë	Mass / Massa kg
Bearing Size / Laergrootte	11 × 5 1/2					TAR / TEER		12 500	15 000
Springs per Bogie / Vere per Draaistel — Outer / Buite / Inner / Binne	8 / 0		Tank Material / Tenkmateriaal	SPEC / SPES CME 9,	SYM / SIM 8				
Brake System / Remstelsel	V		Tank Lining / Tenkvoering						
Brake Cylinders / Remsilinders	(V) 1 / 21	(L)	Design Limit - Mass on Rail / Ontwerplimiet - Massa op Spoor kg						
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (50)	(L)	Originally designed for / Oorspronklik ontwerp vir	TAR / TEER					
Brake Percentage — Empty / Loaded / Leeg / Met Vrag / Rempersentasie	(V) 76,9 / 43,8	(L)	Converted for / Omskep vir						
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		Revision / Hersiening						
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum						

XT - 1

116

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulliese kussinginrigting





XT - 2

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
D Dual Power - Manually operated / Tweekrag - Handbediening
V Vacuum / Vakuum
L Air / Lug

Remarks : Fitted with Steam Heating Elements
Opmerkings : Toegerus met Elemente vir Stoomverwarming

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
44 - 011 016 / 44 - 011 040	1950 - 51

Converted from / Omskep van	Date / Datum

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W. 1 / 10323		Centre of Gravity (Empty) / Swaartepunt (Leeg)		Capacity (full) / Inhoudsvermoë (vol) l	22 370	Tare (Average) / Tarra (Gemiddeld) kg	20 750
Bogie Type / Draaisteltipe	CANCAR				Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
Bearing Size / Laergrootte	10 / 5				TAR / TEER		22 370	26 840
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	8 / 0		Tank Material / Tenkmateriaal	SPEC / SPES CME 9, SYM / SIM 8				
Brake System / Remstelsel	V		Tank Lining / Tenkvoering					
Brake Cylinders / Remsilinders	(V) 1 / 21	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor					
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (50)	(L)	Originally designed for / Oorspronklik ontwerp vir	WATER TREACLE OIL / STROOP OLIE				
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 73,6 / 32,1	(L)	Converted for / Omskep vir	TAR / TEER				
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		Revision / Hersiening					
Coupler / Yoke / Koppelaar / Juk	SASKO[illegible]S / SAR - SAS		Date / Datum					

XT - 2

117

Code - Kode

The second or third letter denotes :-
Die tweede of derde letter dui aan :-

D Dual Power Vacuum Brake
Tweekragvakuumrem
A Air Brake
Lugdrukrem

L Power Air Brake
Tweekraglugdrukrem
R Short Wagons
Korttrokke
E

For actual loads and ullages see drawing number
Vir werklike vragte en uitsitruimtes kyk tekening nommer CME. 240/12 - A99

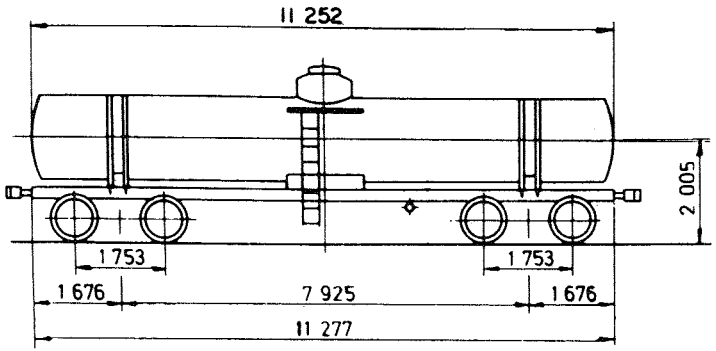
XT-5

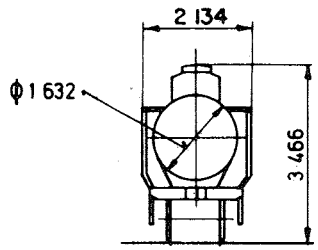
Brake System - Remstelsel

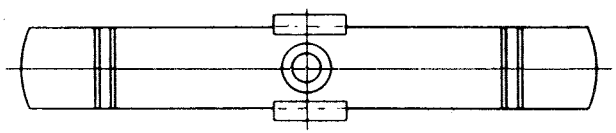
V Vacuum / Vakuum
L Air / Lug
D Dual Power / Tweekrag
W Variable / Veranderlik

M Manually - operated / Handbediening

R Slack Adjuster / Remversteller







Remarks / Opmerkings – Recoded from / Herkodeerde X-16

Drawing Number / Tekeningnommer	W.I/9382 , W.I/9842
Bogie Type / Draaisteltipe	DIAM. FRAME / RUITRAAM ◒ CANCAR
Bearing Size / Laergrootte	$11 \times 5\frac{1}{2}$ ◒ 10 X5
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	4 ELLIP ◒ 8/0
Brake System / Remstelsel	V
Brake Cylinders / Remsilinders	1/21
Train Pipe / Treinpyp	65 (50)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	84·2 / 34·3
Centre of Gravity (Empty) / Swaartepunt (Leeg)	
Originally designed for / Oorspronklik ontwerp vir	WATER TREACLE OIL / STOOP OLIE

Tare (Average) / Tarra (Gemiddeld) kg. 17 930

Contents / Inhoud	Capacity / Inhoudsvermoë L.	Mass / Massa kg.
	22 960	
TAR / TEER	22 960	27 550

Revision / Hersiening						
Date / Datum						

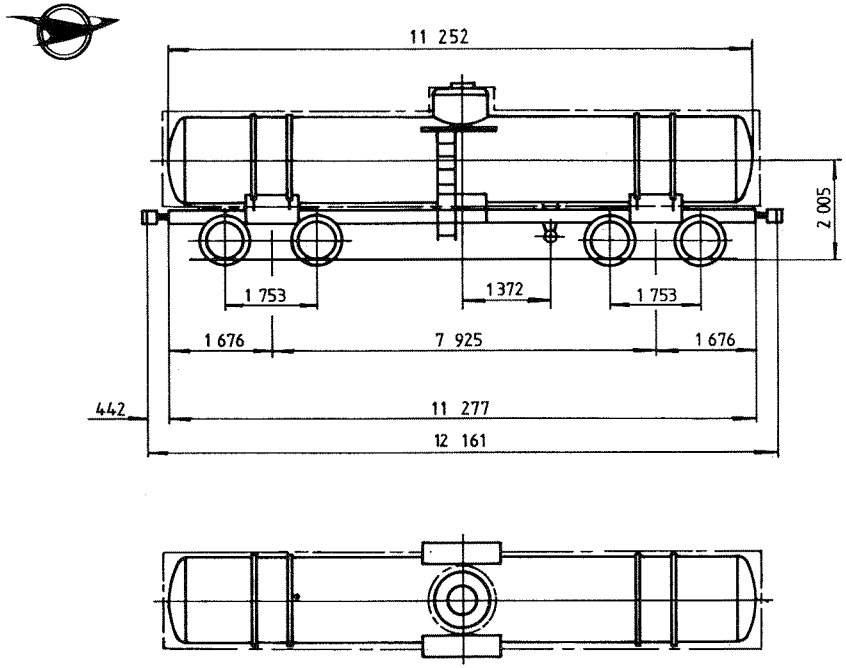
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
44-012 004	1936
◒ 44-012 047	1950

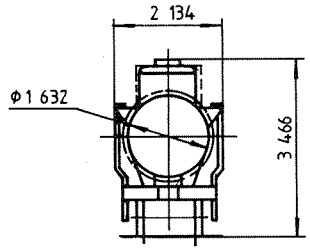
XT-5

S.A.R. - S.A.S.

Page / Bladsy

118





Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
44 - 013 035 / 44 - 013 108	1949 - 50

Converted from / Omskep van	Date / Datum
X - 16	1959

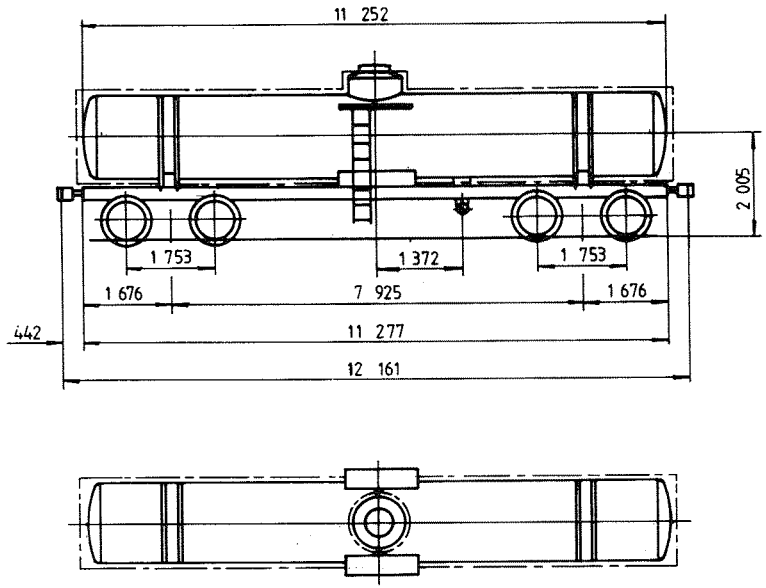
Remarks / Opmerkings: Fitted with Steam Heating Elements / Toegerus met Elemente vir Stoomverwarming

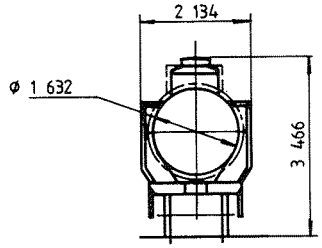
For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W. 1 / 9382 W. 1 / 9842		Centre of Gravity (Empty) / Swaartepunt (Leeg)		Capacity (full) / Inhoudsvermoë(vol)	22 410	Tare (Average) / Tarra(Gemiddeld) kg	20 760
Bogie Type / Draaisteltipe	CANCAR				Contents / Inhoud		Capacity / Inhoudsvermoë	Mass / Massa kg
Bearing Size / Laergrootte	10×5				TAR / TEER		22 410	26 890
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	8/0		Tank Material / Tenkmateriaal	SPEC CME 9, SYM 8 / SPES SIM				
Brake System / Remstelsel	V		Tank Lining / Tenkvoering					
Brake Cylinders / Remsilinders	(V) 1/21	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor					
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (50)	(L)	Originally designed for / Oorspronklik ontwerp vir	WATER TREACLE OIL / STROOP OLIE				
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 73,6 / 32,1	(L)	Converted for / Omskep vir	TAR / TEER				
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		Revision / Hersiening					
Coupler / Yoke / Koppelaar / Juk	SASKO S / SAR - SAS		Date / Datum					

XT-6

119





Drawgear Equipment - Trekwerkuitrusting
Coupler hydraulic cushioning device
KK Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic
Tweekrag - Outomaties
R Slack Adjuster
Remversteller
V Vacuum
Vakuum
L Air
Lug
D Dual Power - Manually operated
Tweekrag - Handbediening

Remarks : Fitted with Steam Heating Elements
Opmerkings : Toegerus met Elemente vir Stoomverwarming

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
44 - 014 007 / 44 - 014 236	1940 - 50

Converted from Omskep van	Date Datum
X - 16	1959 - 60

For actual loads, capacities and ullages see drawing number CME 240/12 - A99
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer

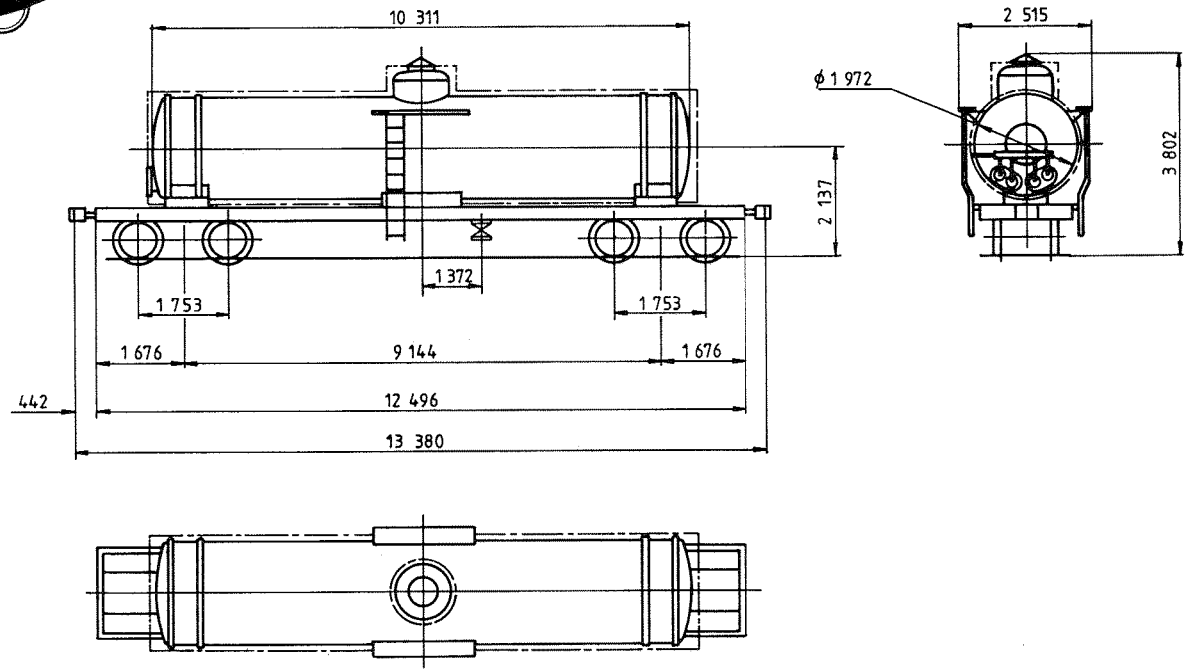
Drawing Number Tekeningnommer	W.1/9382 W.1/9842	CDO SKETCH 19 SKETS
Bogie Type Draaisteltipe	DIAM. FRAME RUITRAAM	CANCAR
Bearing Size Laergrootte	11 x 5½	10 x 5
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	4 ELLIP	8 / 0
Brake System Remstelsel	V	
Brake Cylinders Remsilinders	(V) 1 / 21	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50)	(L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 71,4 / 31,9	(L)
Drawgear Equipment Trekwerkuitrusting	AAR M 901 E	
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR - SAS	

Centre of Gravity (Empty) Swaartepunt (Leeg)						
Tank Material Tenkmateriaal	SPEC CME 9 SPES		SYM 8 SIM			
Tank Lining Tenkvoering						
Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor						
Originally designed for Oorspronklik ontwerp vir	WATER	TREACLE STROOP		OIL OLIE		
Converted for Omskep vir	TAR TEER					
Revision Hersiening						
Date Datum						

Capacity (full) Inhoudsvermoë (vol) l	22 090	Tare (Average) Tarra (Gemiddeld) kg	21 390
Contents Inhoud		Capacity Inhoudsvermoë l	Mass Massa kg
TAR TEER		22 090	26 510
DIESEL OIL DIESELOLIE		22 090	18 560

XT - 7

120



Remarks : FITTED WITH STEAM HEATING ELEMENTS
Opmerkings : TOEGERUS MET ELEMENTE VIR STOOMVERWARMING

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
44 - 015 003 / 44 - 015 313	1964

Converted from Omskep van	Date Datum

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number Tekeningnommer	CME 141 / 12 - A21	
Bogie Type Draaisteltipe	SARCAST	
Bearing Size Laergrootte	11 × $5\frac{1}{2}$	
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	6 / 6	
Brake System Remstelsel	V	
Brake Cylinders Remsilinders	(V) 2 / 18	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 775 / 32	(L)
Drawgear Equipment Trekwerkuitrusting	AAR. M901 - E	
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR - SAS	

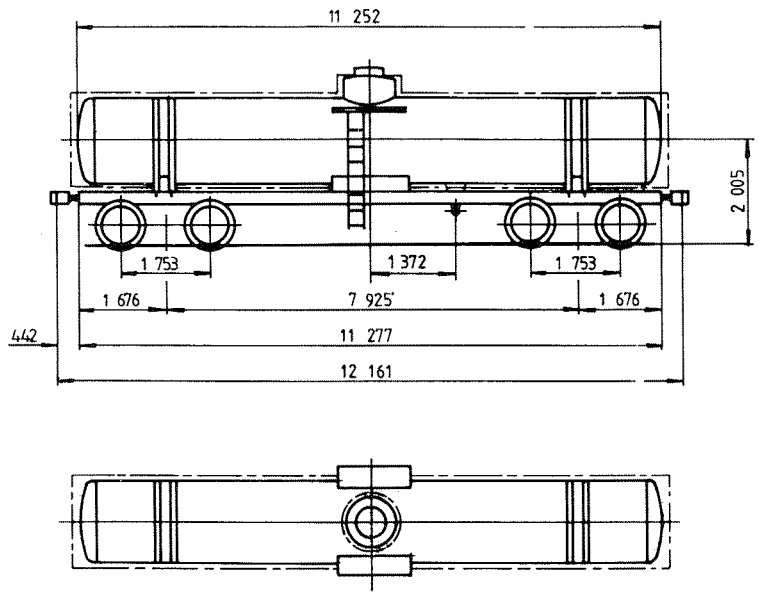
Centre of Gravity (Empty) Swaartepunt (Leeg)			Capacity (full) Inhoudsvermoë (vol)	l 30 000	Tare (Average) Tarra (Gemiddeld) kg 23 950
			Contents Inhoud		Capacity Inhoudsvermoë l / Mass Massa kg
			TAR TEER		30 000 / 36 000
Tank Material Tenkmateriaal	SPEC. CME 9 SYM. 8 SPES. SIM.				
Tank Lining Tenkvoering					
Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor	60 000				
Originally designed for Oorspronklik ontwerp vir	TAR TEER				
Converted for Omskep vir					
Revision Hersiening					
Date Datum					

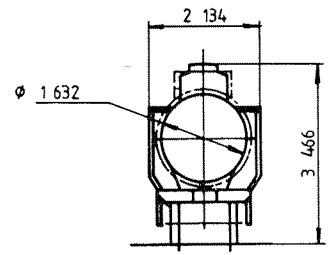
XT - 8

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

121





Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
44 - 016 018 / 44 - 016 387	1948 - 50

Converted from Omskep van	Date Datum
X - 16	1964 - 65

Remarks : Fitted with Steam Heating Elements
Opmerkings : Toegerus met Elemente vir Stoomverwarming

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

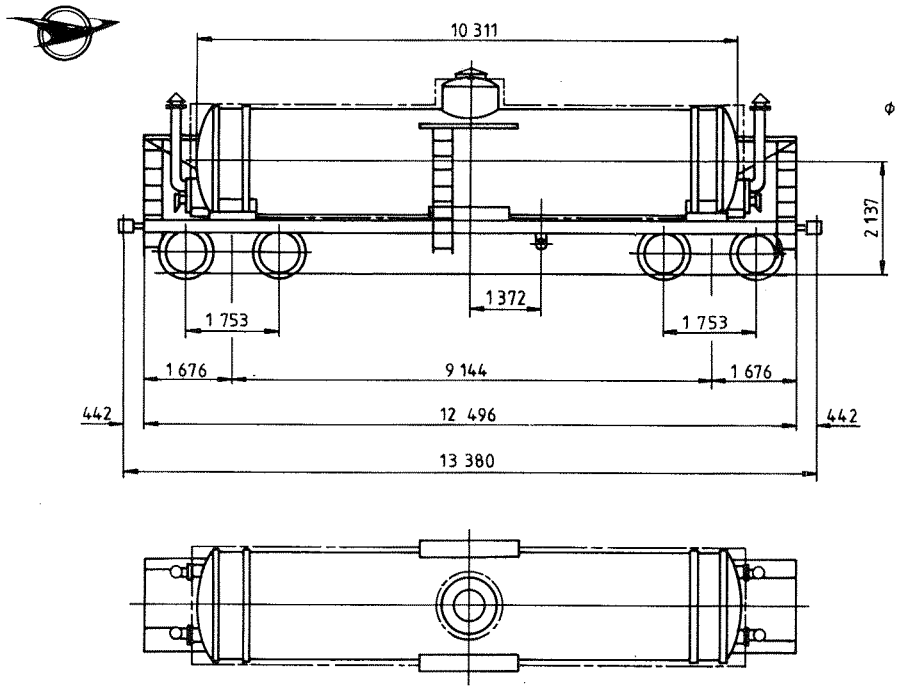
Drawing Number / Tekeningnommer	W.1 / 9382 CDO W.1 / 9842	SKETCH 620 SKETS
Bogie Type / Draaisteltipe	DIAM. FRAME RUITRAAM	CANCAR
Bearing Size / Laergrootte	11 x 5 1/2	10 x 5
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	4 ELLIP	8 / 0
Brake System / Remstelsel	V	
Brake Cylinders / Remsilinders	(V) 1 / 21	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50)	(L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 76,4 / 32,9	(L)
Drawgear Equipment Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR - SAS	

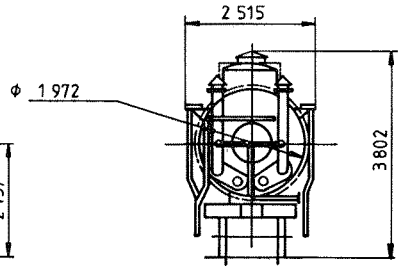
Centre of Gravity (Empty) Swaartepunt (Leeg)					
Tank Material Tenkmateriaal	SPEC CME 9 SPES	SYM 8 SIM			
Tank Lining Tenkvoering					
Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor					
Originally designed for Oorspronklik ontwerp vir	WATER	TREACLE STROOP	OIL OLIE		
Converted for Omskep vir	TAR TEER				
Revision Hersiening					
Date Datum					

Capacity (full) l Inhoudsvermoë (vol) l	22 050	Tare (Average) kg Tarra (Gemiddeld)	20 010
Contents Inhoud		Capacity l Inhoudsvermoë	Mass kg Massa
TAR TEER		22 050	26 460
FURNACE OIL BRANDOLIE		22 050	26 460
DIESEL OIL DIESELOLIE		22 050	18 520

XT-9

122





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
44-017 006 / 44-017 278	1966-'67

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remsteisel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Remarks / Opmerkings: FITTED WITH STEAM/FLAME HEATING ELEMENTS / TOEGERUS MET ELEMENTE VIR STOOM-/VLAMVERWARMING

Converted from / Omskep van	Date / Datum

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12-A99

Drawing Number / Tekeningnommer	W. 1/20046		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1326	Capacity (full) / Inhoudsvermoë (vol) l	29 660	Tare (Average) / Tarra (Gemiddeld) kg	26 040
Bogie Type / Draaisteltipe	SARCAST				Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
Bearing Size / Laergrootte	11 × 5½				TAR / TEER		29 660	35 590
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6/6		Tank Material / Tenkmateriaal	SPEC SPES CME 9 SYM SIM 8				
Brake System / Remstelsel	V		Tank Lining / Tenkvoering					
Brake Cylinders / Remsilinders	(V) 2/18	(L)	Design Limit-Mass on Rail kg / Ontwerplimiet-Massa op Spoor	60 000				
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	TAR / TEER				
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 71,3 / 31,1	(L)	Converted for / Omskep vir					
Drawgear Equipment / Trekwerkuitrusting	AAR M 901-E		Revision / Hersiening					
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR-SAS		Date / Datum					

XT-10

123

Drawgear Equipment - Trekwerkuitrusting

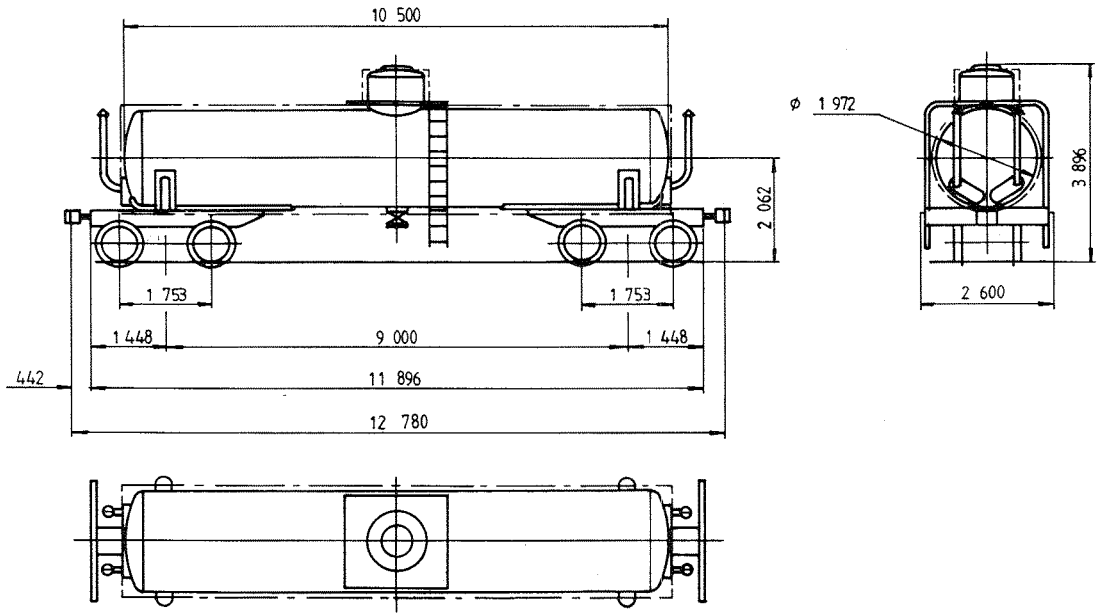
KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

Dual Power - Automatic
A Tweekrag - Outomaties
Slack Adjuster
R Remversteller

V Vacuum
Vakuum
Air
L Lug
Dual Power - Manually operated
D Tweekrag - Handbediening



Remarks : Fitted with Steam / Flame Heating Elements
Opmerkings : Toegerus met Elemente vir Stoom- / Vlamverwarming

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
44 - 017 286	1972
44 - 017 332	1972
44 - 017 464	1972
44 - 017 480 / 44 - 017 502	1972
44 - 017 618	1972
44 - 017 650	1972
44 - 017 669	1972
44 - 017 715	1972
44 - 017 766 / 44 - 017 812	1972

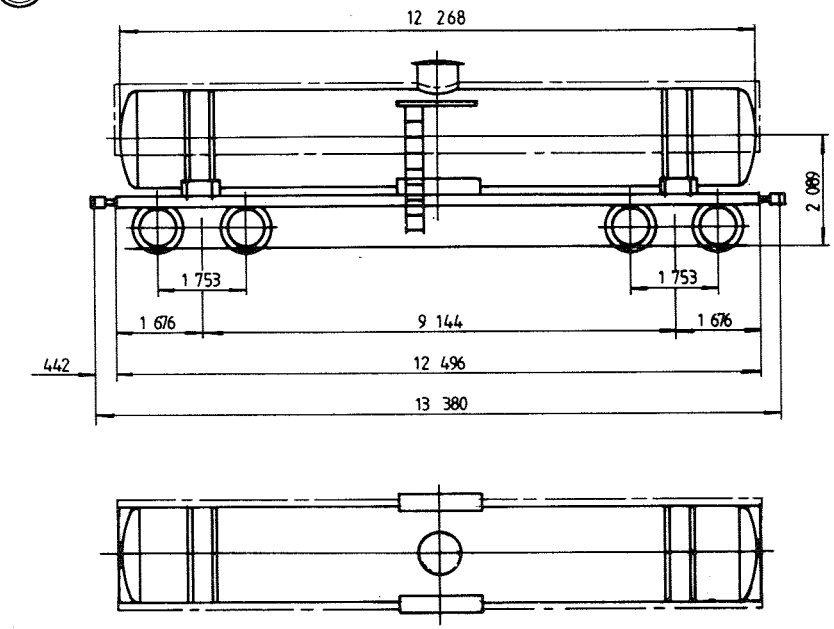
Converted from / Omskep van	Date / Datum

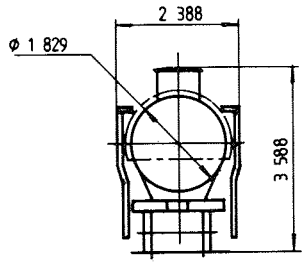
For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W 001 / A004		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1290		Capacity (full) / Inhoudsvermoë (vol)	l 30 190	Tare (Average) / Tarra (Gemiddeld)	kg 24 340
Bogie Type / Draaisteltipe	SPOORBARBER					Contents / Inhoud		Capacity / Inhoudsvermoë	l Mass / Massa kg
Bearing Size / Laergrootte	C					TAR / TEER		30 190	35 660
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 4		Tank Material / Tenkmateriaal	SPEC CME 9 SYM 8 / SPES SIM		TALLOW / VETTALK		30 190	27 500
Brake System / Remstelsel	V / R		Tank Lining / Tenkvoering						
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)	Design Limit - Mass on Rail / Ontwerplimiet - Massa op Spoor	kg 60 000					
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	TAR / TEER					
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 82,1 / 33,3	(L)	Converted for / Omskep vir						
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening						
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum						

XT - 11

127





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
46 - 012 001 / 46 - 012 338	1965

Converted from / Omskep van	Date / Datum

Remarks / Opmerkings :-

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

XPL – 3

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power – Manually operated / Tweekrag – Handbediening

Drawing Number / Tekeningnommer	W.1 / 20034	
Bogie Type / Draaisteltipe	SARCAST	
Bearing Size / Laergrootte	11 × 5 1/2	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6 / 0	
Brake System / Remstelsel	V	
Brake Cylinders / Remsilinders	(V) 2 / 21	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 43,9 / 29,3	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)						
Tank Material / Tenkmateriaal			SPEC CME 9 / SPES	SYM 6 / SIM		
Tank Lining / Tenkvoering						
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor						
Originally designed for / Oorspronklik ontwerp vir			L.P.G. / V.P.G.			
Converted for / Omskep vir						
Revision / Hersiening						
Date / Datum						

Capacity (full) l / Inhoudsvermoë (vol) l	Tare (Average) kg / Tarra (Gemiddeld) kg
31 370	32 800

Contents / Inhoud	Capacity / Inhoudsvermoë l	Mass / Massa kg
L.P.G. / V.P.G.	28 470	15 050
PROPANE / PROPAAN	27 980	14 010

XV - 3

128

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

XPL-4

Brake System - Remstelsel

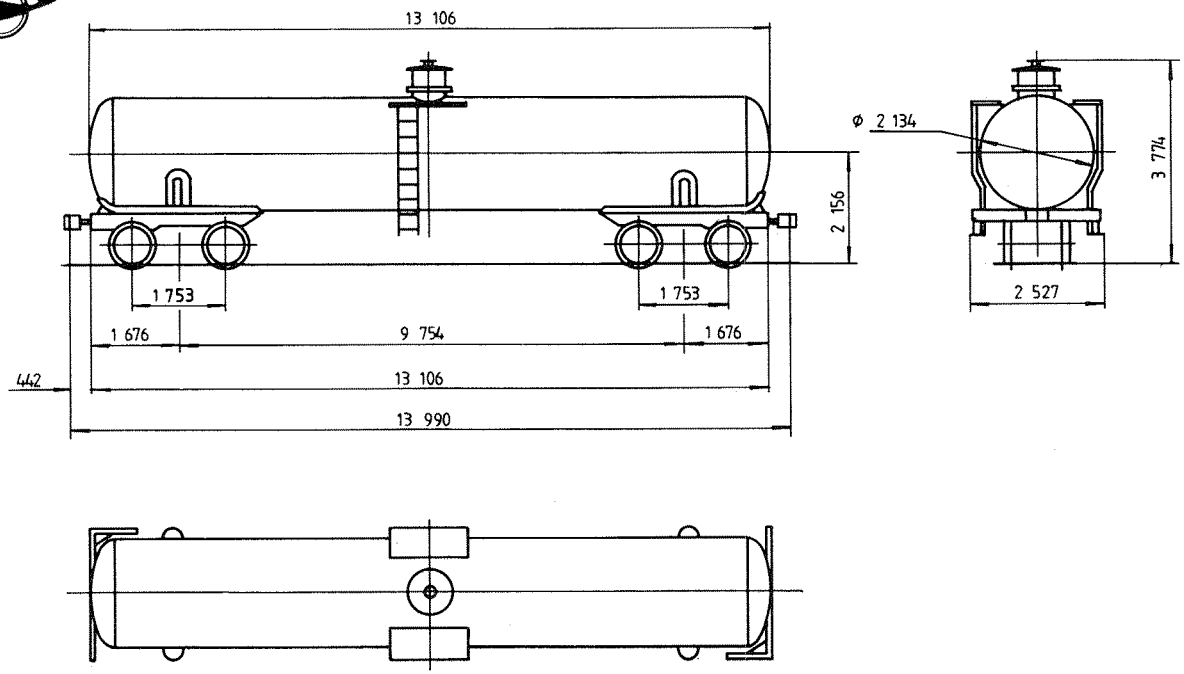
V Vacuum / Vakuum

L Air / Lug

D Dual Power - Manually operated / Tweekrag - Handbediening

A Dual Power - Automatic / Tweekrag - Outomaties

R Slack Adjuster / Remversteller



Remarks
Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
46 - 013 008 / 46 - 013 539	1967

Converted from / Omskep van	Date / Datum

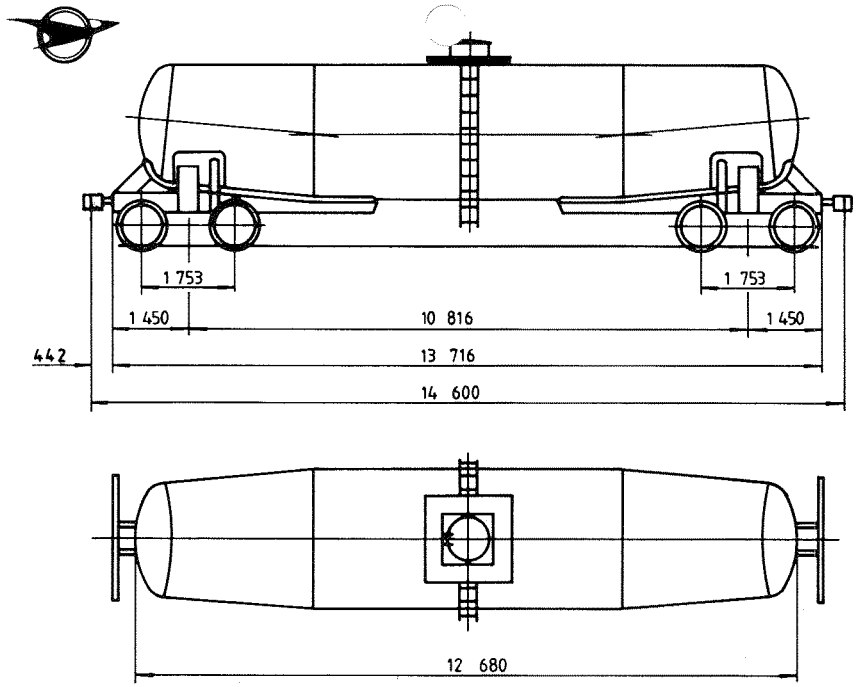
For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

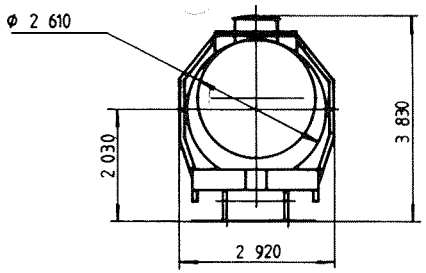
Drawing Number / Tekeningnommer	W.2 / 20036	
Bogie Type / Draaisteltipe	SARCAST	
Bearing Size / Laergrootte	11 × 5 1/2	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	8 / 8	
Brake System / Remstelsel	V	
Brake Cylinders / Remsilinders	(V) 2 / 21	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 80,7 / 44,6	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E	
Coupler / Yoke / Koppelaar / Juk	S[illegible]P - S / SAR - SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 465	Capacity (full) / Inhoudsvermoë (vol) l	45 420	Tare (Average) / Tarra (Gemiddeld) kg	27 530
		Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
		L.P.G. / V.P.G.		42 160	22 280
Tank Material / Tenkmateriaal	B S 1501 - 151 GR 28A	PROPANE / PROPAAN		41 520	20 790
Tank Lining / Tenkvoering					
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor					
Originally designed for / Oorspronklik ontwerp vir	L.P.G. / V.P.G.				
Converted for / Omskep vir					
Revision / Hersiening					
Date / Datum					

XV - 4

130





Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
46 - 014 551 / 46 - 014 810	1976 - 77

Converted from Omskep van	Date Datum

Remarks
Opmerkings :-

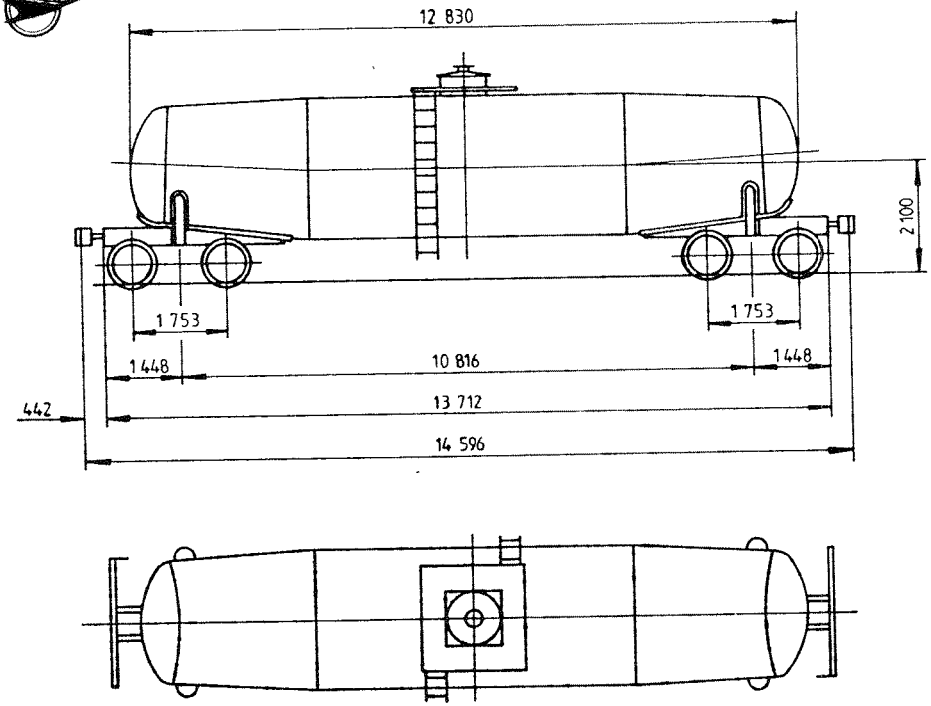
For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

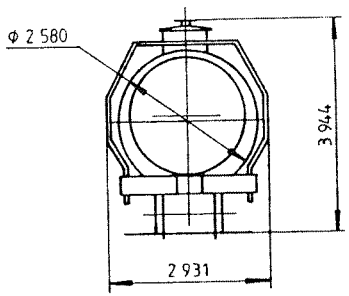
Drawing Number Tekeningnommer	W. 001 / V 012		Centre of Gravity (Empty) Swaartepunt (Leeg)	1 451		Capacity (full) Inhoudsvermoë (vol)	l	58 990	Tare (Average) Tarra (Gemiddeld)	kg	27 520
Bogie Type Draaisteltipe	SPOORBARBER					Contents Inhoud			Capacity Inhoudsvermoë	l	Mass Massa kg
Bearing Size Laergrootte	C					L.P.G. V.P.G.			54 850		28 980
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	10 / 4		Tank Material Tenkmateriaal	ASTM A516 GR 70		PROPANE PROPAAN			53 950		27 020
Brake System Remstelsel	V / R		Tank Lining Tenkvoering								
Brake Cylinders Remsilinders	(V) 1 / 21	(L)	Design Limit - Mass on Rail Ontwerplimiet - Massa op Spoor kg	60 000							
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for Oorspronklik ontwerp vir	L.P.G. V.P.G.							
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 56,8 / 27,7	(L)	Converted for Omskep vir								
Drawgear Equipment Trekwerkuitrusting	AAR M 901 E		Revision Hersiening								
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR - SAS		Date Datum								

XV - 7

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum Vakuum
L Air Lug
D Dual Power - Manually operated Tweekrag - Handbediening
A Dual Power - Automatic Tweekrag - Outomaties
R Slack Adjuster Remversteller





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
46 - 014 004 / 46 - 014 276	1972

Converted from / Omskep van	Date / Datum
XM-7 (ex XV-5)	1986

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
A Dual Power - Automatic / Tweekrag - Outomaties
L Air / Lug
R Slack Adjuster / Remversteller
D Dual Power - Manually operated / Tweekrag - Handbediening

Remarks / Opmerkings :

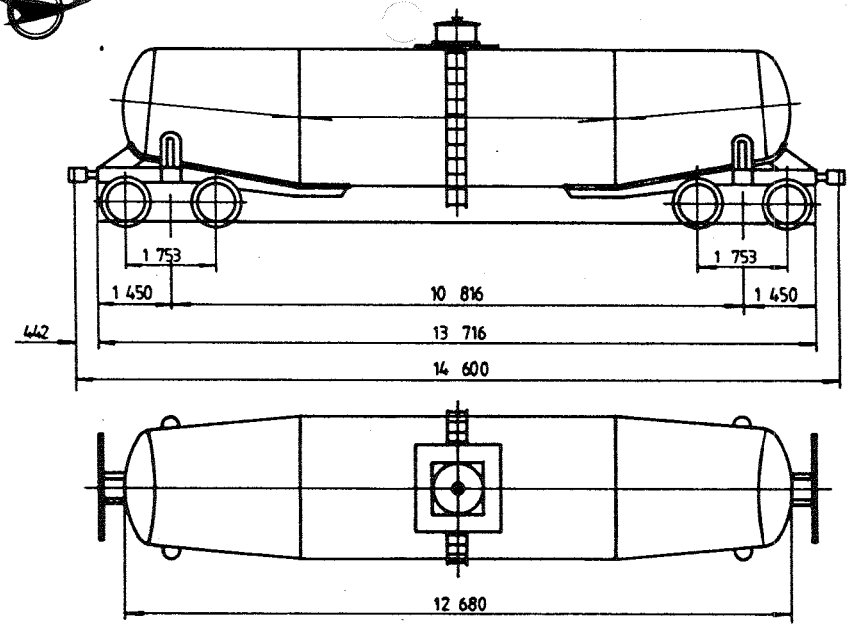
For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

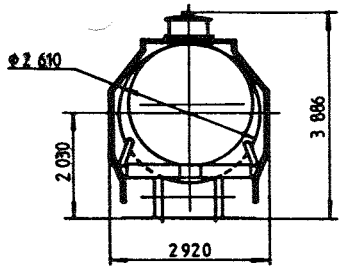
Drawing Number / Tekeningnommer	W.001/A003	
Bogie Type / Draaisteltipe	SPOORBARBER	
Bearing Size / Laergrootte	C	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 4	
Brake System / Remstelsel	V / R	
Brake Cylinders / Remsilinders	(V) 2/21	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 92 / 45, 36	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E	
Coupler / Yoke / Koppelaar / Juk	SA[illegible] - S / SAR - SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 429				
Tank Material / Tenkmateriaal	BS 1501 - 151 GR 28 A				
Tank Lining / Tenkvoering					
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000				
Originally designed for / Oorspronklik ontwerp vir	L.P.G V.P.G				
Converted for / Omskep vir					
Revision / Hersiening					
Date / Datum					

Capacity (full) / Inhoudsvermoë (vol) ℓ	58 750	Tare (Average) / Tarra (Gemiddeld) kg	28 020
Contents / Inhoud		Capacity / Inhoudsvermoë ℓ	Mass / Massa kg
L.P.G V.P.G		54 530	28 810
PROPANE PROPAAN		53 630	26 860

XV-5





Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
46 - 014 284 / 46 - 014 497 46 - 014 500 / 46 - 014 543	1972
Converted from Omskep van	**Date Datum**
XM - 8 (ex. XV - 6)	1984

Remarks
Opmerkings

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulliese kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties / Slack Adjuster / Remversteller
V Vacuum / Vakuum
A Air
L Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

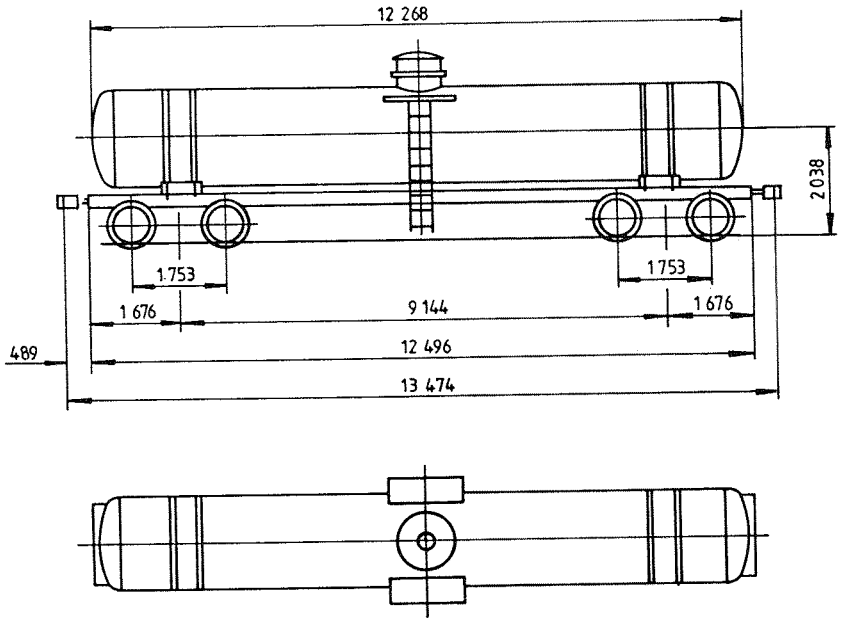
Drawing Number Tekeningnommer	W. 001 / V006		Centre of Gravity (Empty) Swaartepunt (Leeg)	1 388		Capacity (full) Inhoudsvermoë (vol) L	59 090	Tare (Average) Tarra (Gemiddeld) kg	27 750
Bogie Type Draaisteltipe	SPOORBARBER					Contents Inhoud		Capacity Inhoudsvermoë L	Mass Massa kg
Bearing Size Laergrootte	C					L.P.G. V.P.G.		54 950	29 030
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	10 / 4		Tank Material Tenkmateriaal	ASTM A516 GR 70		PROPANE PROPAAN		54 040	27 060
Brake System Remstelsel	V / R		Tank Lining Tenkvoering						
Brake Cylinders Remsilinders	(V) 2 / 21	(L)	Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor	60 000					
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for Oorspronklik ontwerp vir	L.P.G. V.P.G.					
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 70, 2 / 34,3	(L)	Converted for Omskep vir						
Drawgear Equipment Trekwerkuitrusting	AAR M 901 E		Revision Hersiening	1					
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR - SAS		Date Datum	86-04-30					

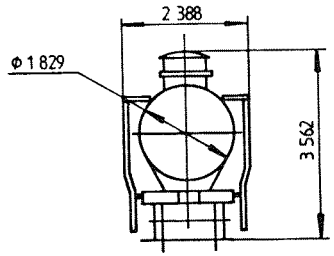
XV - 6

12.4.6

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening





Remarks
Opmerkings :

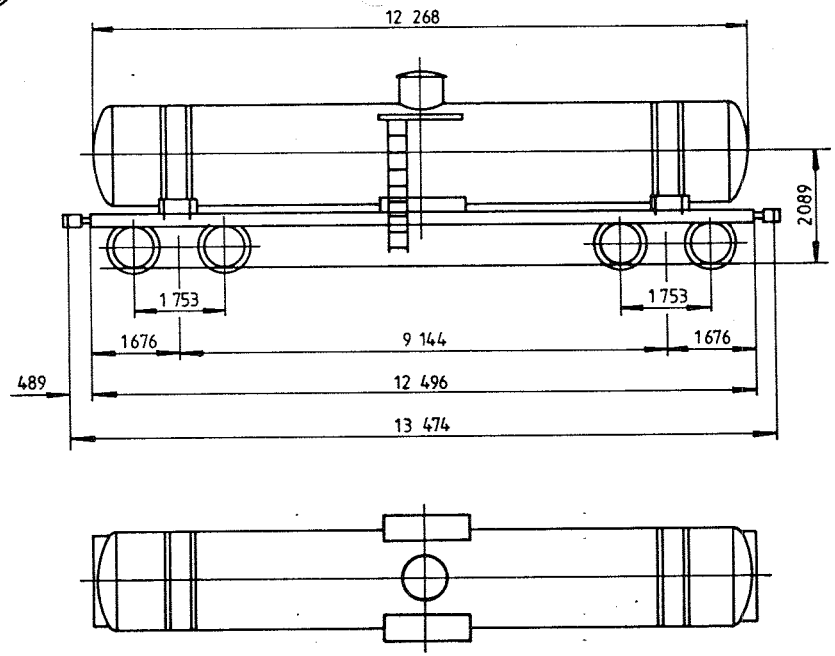
For actual loads, capacities and ullages see drawing number CME 240/12 - A99
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer

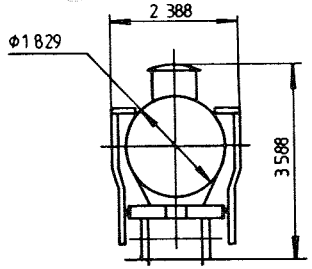
Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
46 - 010 009 / 46 - 010 521 46 - 010 548 / 46 - 010 610	1956 - 63 1955 - 61

Converted from / Omskep van	Date / Datum
◓ XV-1 (ex XN-1)	1986
XV-1	1986

Drawing Number / Tekeningnommer	W.1 / 10833		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 335	Capacity (full) / Inhoudsvermoë (vol) ℓ	30 900	Tare (Average) / Tarra (Gemiddeld) kg	32 220
Bogie Type / Draaisteltipe	DIAM. FRAME / RUITRAAM	SARCAST			Contents / Inhoud		Capacity / Inhoudsvermoë ℓ	Mass / Massa kg
Bearing Size / Laergrootte	11 × 5½	11 × 5½			L.P.G. / V.P.G.		28 730	15 180
Springs per Bogie / Vere per Draaistel — Outer / Buite — Inner / Binne	4 ELLIP	6/0	Tank Material / Tenkmateriaal	SPEC. CME 9, SYM. 6 / SPES. SIM.	PROPANE / PROPAAN		28 260	14 150
Brake System / Remstelsel	V/R		Tank Lining / Tenkvoering					
Brake Cylinders / Remsilinders	(V) 2/15	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor					
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (50)	(L)	Originally designed for / Oorspronklik ontwerp vir	L.P.G. / V.P.G.				
Brake Percentage — Empty / Loaded — Leeg / Met Vrag Rempersentasie	(V) 33,1 / 22, 5	(L)	Converted for / Omskep vir					
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening	1				
Coupler / Yoke / Koppelaar / Juk	SE		Date / Datum	86-09-12				

XVJ-1





Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
46 - 011 005 / 46 - 011 269	1963 - 64

Converted from Omskep van	Date Datum
XV - 2	1985 - 86

Remarks
Opmerkings :

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number Tekeningnommer	CME 134/12 - A21
Bogie Type Draaisteltipe	SARCAST
Bearing Size Laergrootte	11 x 5 1/2
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	6 / 0
Brake System Remstelsel	V / R
Brake Cylinders Remsilinders	(V) 2 x 15 (L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 33, 65/22, 79 (L)
Drawgear Equipment Trekwerkuitrusting	AAR M901 E
Coupler / Yoke Koppelaar / Juk	SE/E

Centre of Gravity (Empty) Swaartepunt (Leeg)					Capacity (full) l Inhoudsvermoë (vol) l	31 030
					Contents Inhoud	Capacity l Inhoudsvermoë
					L.P.G. V.P.G.	28 850
Tank Material Tenkmateriaal	SPEC. CME 9, SYM. 6 SPES. SIM.				PROPANE PROPAAN	28 380
Tank Lining Tenkvoering						
Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor						
Originally designed for Oorspronklik ontwerp vir	L.P.G. V.P.G.					
Converted for Omskep vir						
Revision Hersiening	2					
Date Datum	86-09-12					

Tare (Average) kg Tarra (Gemiddeld)	Mass kg Massa
32 000	
15 250	
14 210	

XVJ-2

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

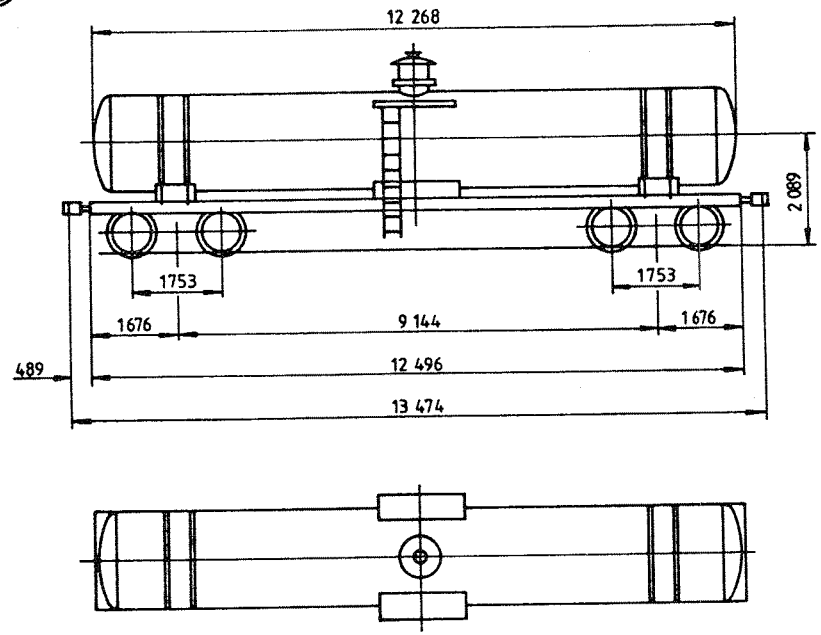
Drawgear Equipment - Trekwerkuitrusting

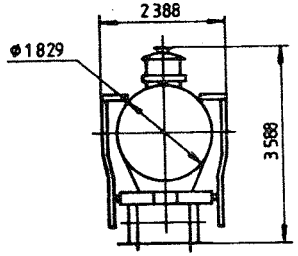
KK Coupler hydraulic cushioning device
Koppelaar hidroulliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidroulliese kussinginrigting

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller





Remarks
Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
46 - 012 001 / 46 - 012 338	1965

Converted from / Omskep van	Date / Datum
XV - 3	1986 - 87

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W.1 / 20034
Bogie Type / Draaisteltipe	SARCAST
Bearing Size / Laergrootte	11 × 5 1/2
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6 / 0
Brake System / Remstelsel	V / R
Brake Cylinders / Remsilinders	(V) 1 / 21 (L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65 (L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 35,4 / 24,1 (L)
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E
Coupler / Yoke / Koppelaar / Juk	SE / E

Centre of Gravity (Empty) / Swaartepunt (Leeg)			Capacity (full) / Inhoudsvermoë (vol) L	31 370	Tare (Average) / Tarra (Gemiddeld) kg	32 800
			Contents / Inhoud		Capacity / Inhoudsvermoë L	Mass / Massa kg
			L.P.G. V.P.G.		29 170	15 410
Tank Material / Tenkmateriaal	SPEC. / SPES. CME 9,	SYM. / SIM. 6	PROPANE / PROPAAN		28 690	14 370
Tank Lining / Tenkvoering						
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor						
Originally designed for / Oorspronklik ontwerp vir	L.P.G. V.P.G.					
Converted for / Omskep vir						
Revision / Hersiening						
Date / Datum						

XVJ-3

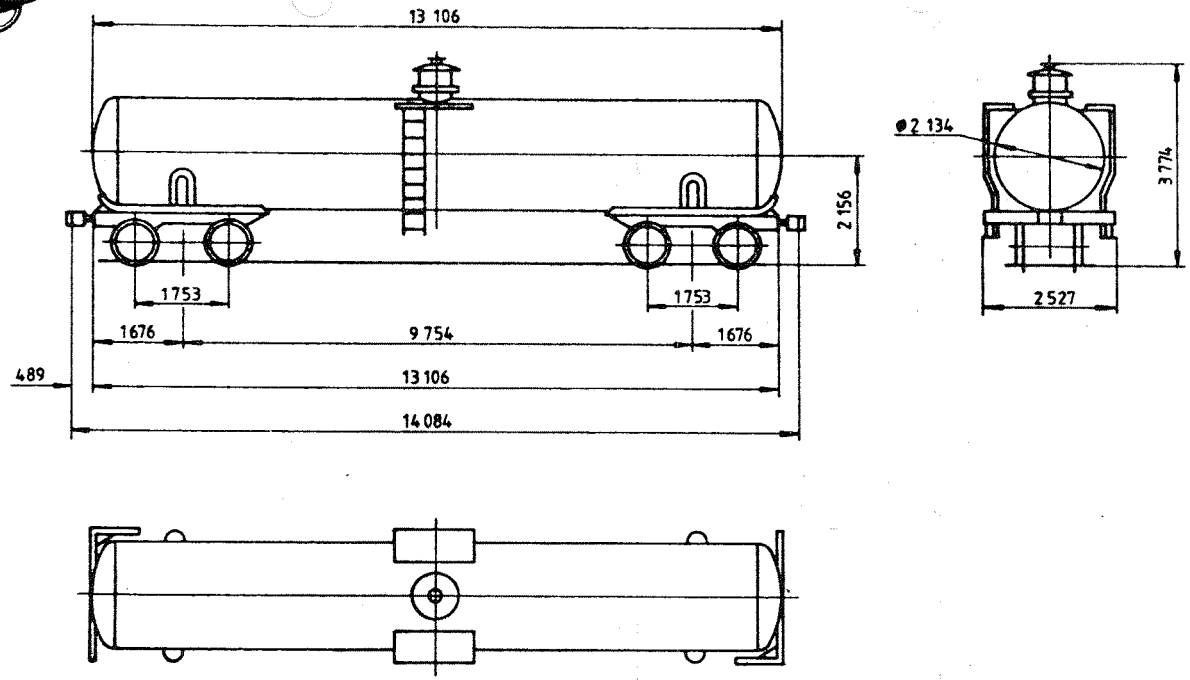
Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidroulies kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidroulies kussinginrigting

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller



Remarks
Opmerkings

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
46 - 013 008 / 46 - 013 539	1967

Converted from Omskep van	Date Datum
XV - 4	1987

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number Tekeningnommer	W.2 / 20036		
Bogie Type Draaisteltipe	SARCAST		
Bearing Size Laergrootte	11 × 5 1/2		
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	8 / 8		
Brake System Remstelsel	V / R		
Brake Cylinders Remsilinders	(V) 2/15	(L)	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 43,6 / 24	(L)	
Drawgear Equipment Trekwerkuitrusting	AAR M901 - E		
Coupler / Yoke Koppelaar / Juk	SE / E		

Centre of Gravity (Empty) Swaartepunt (Leeg)	1 465	Capacity (full) Inhoudsvermoë (vol)	l	45 420	Tare (Average) Tarra (Gemiddeld)	kg	27 530
		Contents Inhoud			Capacity Inhoudsvermoë	l	Mass Massa kg
		L.P.G. V.P.G.			42 160		22 280
Tank Material Tenkmateriaal	BS 1501 - 151 GR 28 A	PROPANE PROPAAN			41 520		20 790
Tank Lining Tenkvoering							
Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor							
Originally designed for Oorspronklik ontwerp vir	L.P.G. V.P.G.						
Converted for Omskep vir							
Revision Hersiening							
Date Datum							

XVJ-4

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidroulièse kussingrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidroulièse kussingrigting

Brake System - Remstelsel

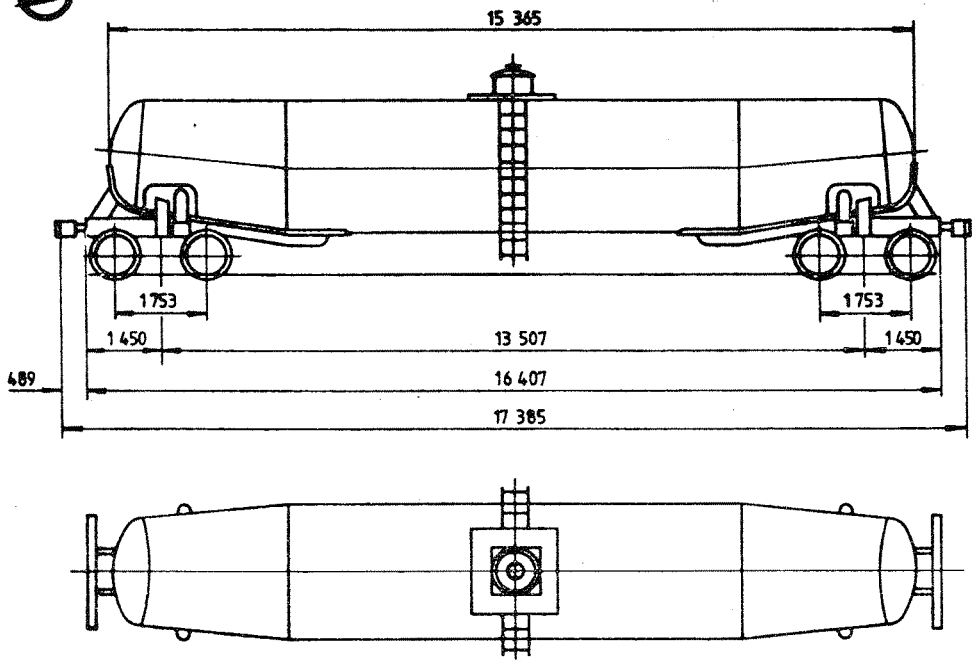
V Vacuum
Vakuum

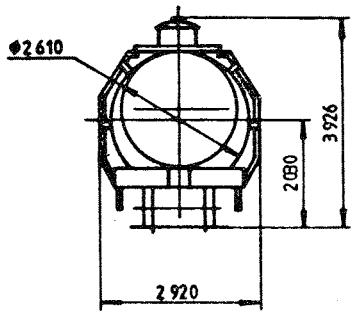
L Air
Lug

D Dual Power - Manually operated
Tweekrag - Handbediening

A Dual Power - Automatic
Tweekrag - Outomaties

R Slack Adjuster
Remverstelder





Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
✱1 46-014 829 / 46-015 256	1983
46-015 264 / 46-015 426	1986
✱2 46-015 434 / 46-015 477	1985 - 86

Remarks
Opmerkings

Converted from Omskep van	Date Datum
✱1 XVLJ-8	1986-87
✱2 XMJ-9	1986

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12-A99

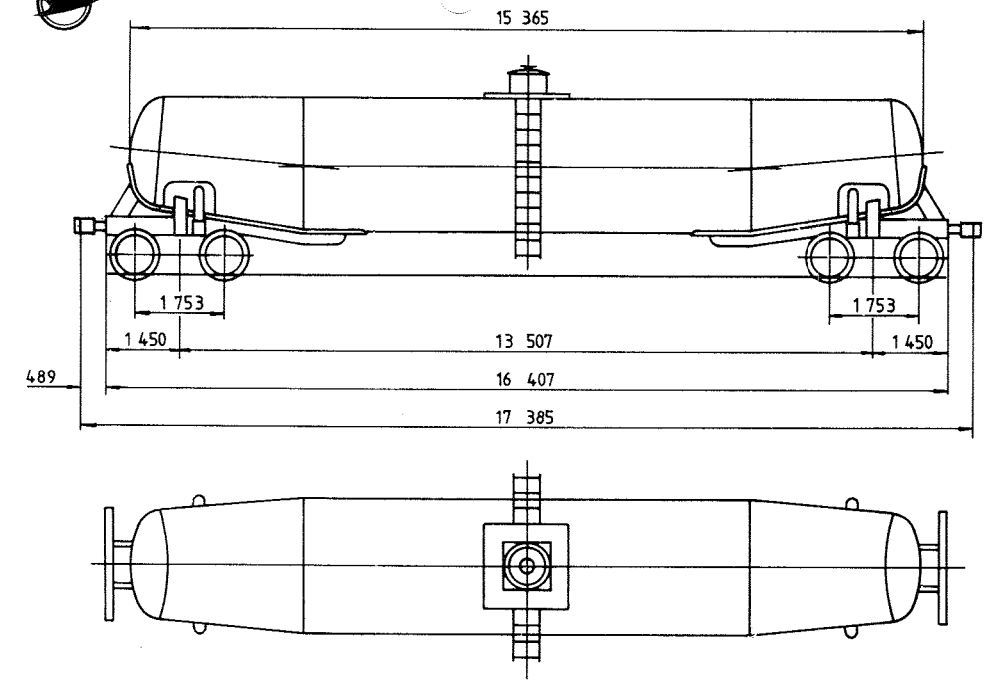
Drawing Number Tekeningnommer	W.001/D076		
Bogie Type Draaistoltipe	H.S. Mk. VII		
Bearing Size Laergrootte	D		
Springs per Bogie Outer / inner Vere per Draaistel Buite / Binne	10/10		
Brake System Remstelsel	V/R		
Brake Cylinders Remsilinders	(V) 2/18	(L)	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 46,69/22,03	(L)	
Drawgear Equipment Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke Koppelaar / Juk			

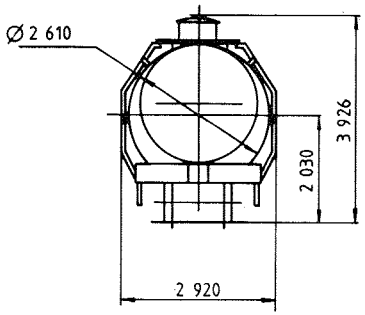
Centre of Gravity (Empty) Swaartepunt (Leeg)	1505					
Tank Material Tenkmateriaal	ASTM A516 GR 70					
Tank Lining Tenkvoering						
Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor	74 000					
Originally designed for Oorspronklik ontwerp vir	L.P.G. V.P.G.					
Converted for Omskep vir						
Revision Hersiening	1					
Date Datum	86-12-19					

Capacity (full) Inhoudsvermoë (vol) L	Tare (Average) Tarra (Gemiddeld) kg	
73 440	32 200	
Contents Inhoud	Capacity Inhoudsvermoë L	Mass Massa kg
L.P.G. V.P.G.	68 170	36 020
PROPANE PROPAAN	67 050	33 580
PROPYLENE PROPILEEN	67 640	34 670

XVJ-8

131





Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
Dual Power - Automatic / Tweekrag - Outomaties
A
Slack Adjuster / Remversteller
R
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

Remarks
Opmerkings

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
46 - 014 829 / 46 - 015 256	1983

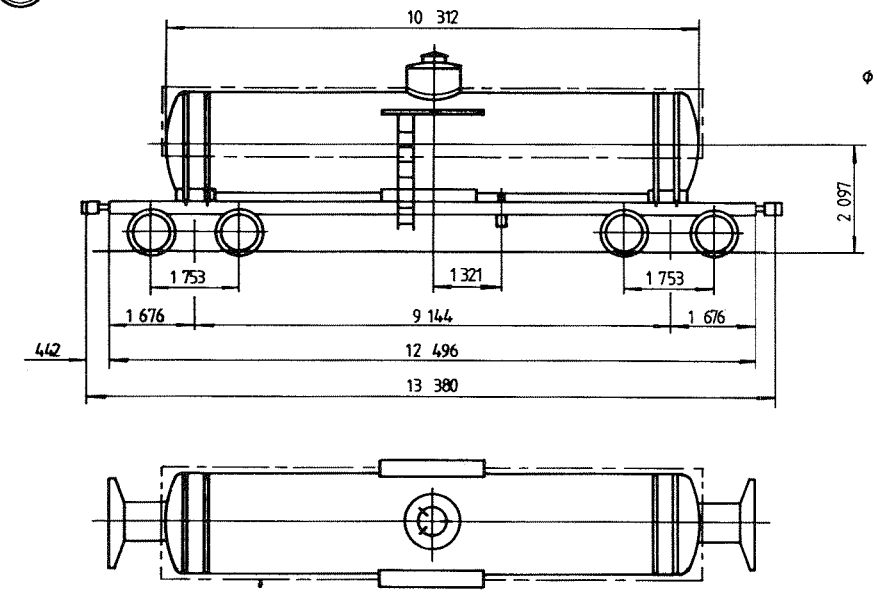
Converted from / Omskep van	Date / Datum

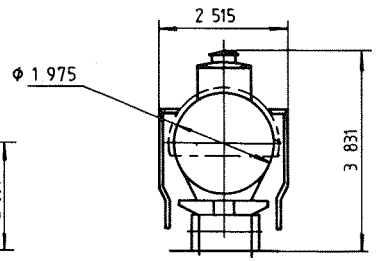
For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W. 001 / D. 076		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 505	Capacity (full) / Inhoudsvermoë (vol)	l 73 440	Tare (Average) / Tarra (Gemiddeld)	kg 32 200
Bogie Type / Draaisteltipe	H.S. MK. VII				Contents / Inhoud		Capacity / Inhoudsvermoë	l Mass / Massa kg
Bearing Size / Laergrootte	D				L.P.G. / V.P.G.		68 170	36 020
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 10		Tank Material / Tenkmateriaal	A STM A 516 GR. 70	PROPANE / PROPAAN		67 050	33 580
Brake System / Remstelsel	V / L / R		Tank Lining / Tenkvoering					
Brake Cylinders / Remsilinders	(V) 2 / 18	(L) 1 / 10 x 12	Design Limit - Mass on Rail / Ontwerplimiet - Massa op Spoor kg	74 000				
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65.	(L) 32	Originally designed for / Oorspronklik ontwerp vir	L.P.G. / V.P.G.				
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 46,7 / 22	(L) 44,6 / 21,1	Converted for / Omskep vir					
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening					
Coupler / Yoke / Koppelaar / Juk	SE / E		Date / Datum					

XVLJ - 8

132





Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulièse kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulièse kussinginrigting

XD – 1

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
D Dual Power - Manually operated / Tweekrag - Handbediening
V Vacuum / Vakuum
L Air / Lug

Remarks / Opmerkings :

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
47 - 010 002	1955

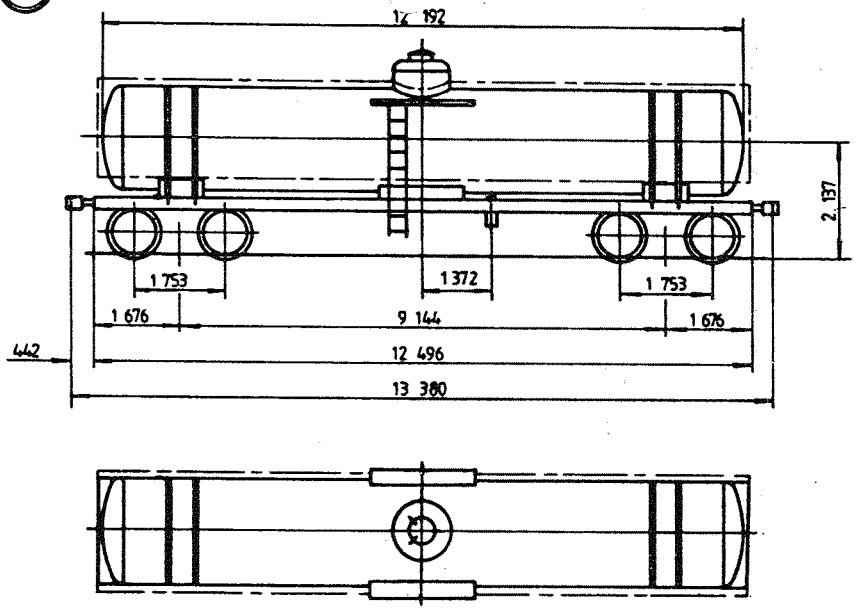
Converted from / Omskep van	Date / Datum
X - 18	1965

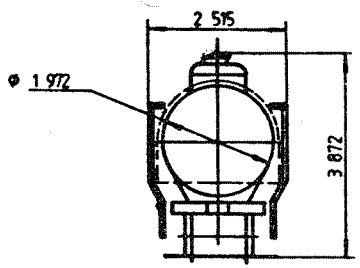
For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W. 1 / 10 982	
Bogie Type / Draaisteltipe	SARCAST	
Bearing Size / Laergrootte	11 × 5 1/2	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6 / 6	
Brake System / Remstelsel	V	
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (50)	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 83,6 / 31,5	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP. - S / SAR - SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)			Capacity (full) / Inhoudsvermoë (vol) l	30 960	Tare (Average) / Tarra (Gemiddeld) kg 20 120
			Contents / Inhoud		Capacity / Inhoudsvermoë l — Mass / Massa kg
			LIQUOR / DRANK		30 960 — 33 280
Tank Material / Tenkmateriaal	SPEC / SPES CME 9,	SYM / SIM 8			
Tank Lining / Tenkvoering	EMAILLIT				
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor					
Originally designed for / Oorspronklik ontwerp vir	WATER	TREACLE / STROOP OIL / OLIE			
Converted for / Omskep vir	LIQUOR / DRANK				
Revision / Hersiening					
Date / Datum					

XW - 1





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
47 - 011 009 / 47 - 011 270	1965 - 66
47 - 011 289 / 47 - 011 335	1966

Converted from / Omskep van	Date / Datum
X - 24	1971

Remarks / Opmerkings :-

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussinginrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussinginrigting

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

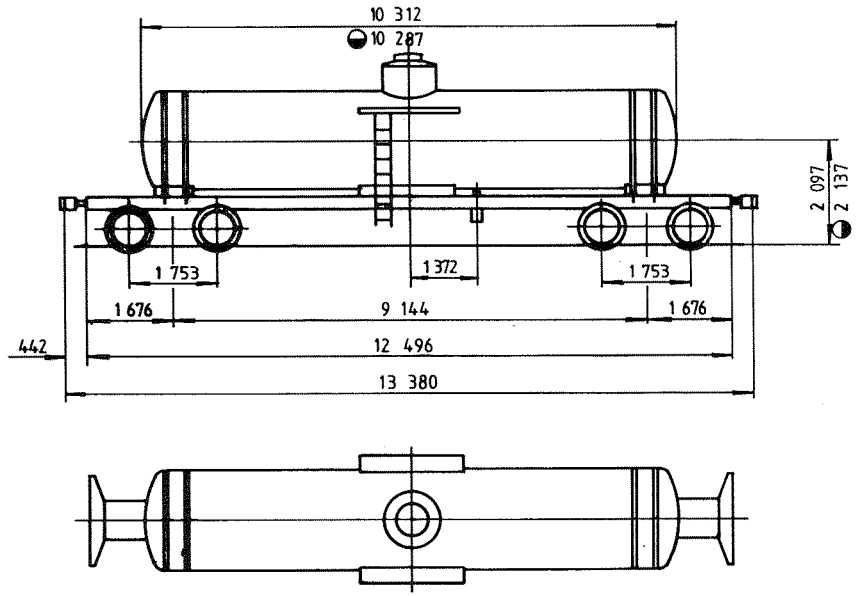
XD – 2

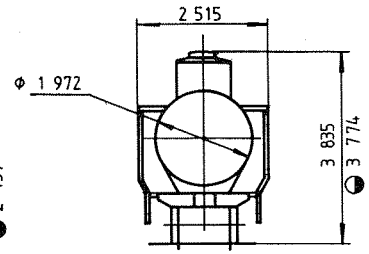
Drawing Number / Tekeningnommer	CME 149 / 12 - A21	
Bogie Type / Draaisteltipe	SARCAST	
Bearing Size / Laergrootte	11 × 5½	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6 / 6	
Brake System / Remstelsel	V	
Brake Cylinders / Remsilinders	(V) 2/18	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 82,6/30,3	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)				Capacity (full) / Inhoudsvermoë (vol)	36 370 l	Tare (Average) / Tarra (Gemiddeld) 22 470 kg
				Contents / Inhoud		Capacity / Inhoudsvermoë l — Mass / Massa kg
				LIQUOR / DRANK		36 120 — 38 830
Tank Material / Tenkmateriaal	SPEC CME 9, SPES	SYM 8 / SIM				
Tank Lining / Tenkvoering	PRODORGLAS 'R' / EMAILLIT					
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor						
Originally designed for / Oorspronklik ontwerp vir	WATER	OIL / OLIE				
Converted for / Omskep vir	LIQUOR / DRANK					
Revision / Hersiening	1					
Date / Datum	86-04-30					

XW - 2

134





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
47 - 013 001 / 47 - 013 060	1960 - 61
47 - 013 079 / 47 - 013 095	1954 - 55
47 - 013 117	1959
47 - 013 125 / 47 - 013 133	1954
47 - 013 141	1959
47 - 013 168 / 47 - 013 176	1955
47 - 013 184	1958
47 - 013 192 / 47 - 013 222	1964

Remarks / Opmerkings: Wagons fitted with Sunshields :– / Trokke met Sonskerms gepas :– No's 47 - 013 001, 47 - 013 028, 47 - 013 133, 47 - 013 141, 47 - 013 168, 47 - 013 176, 47 - 013 184, 47 - 013 214, 47 - 013 222

Converted from / Omskep van	Date / Datum
X – 18 ; X – 21 ; X – 22	1962 - 64

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussingrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussingrigting

XD – 4

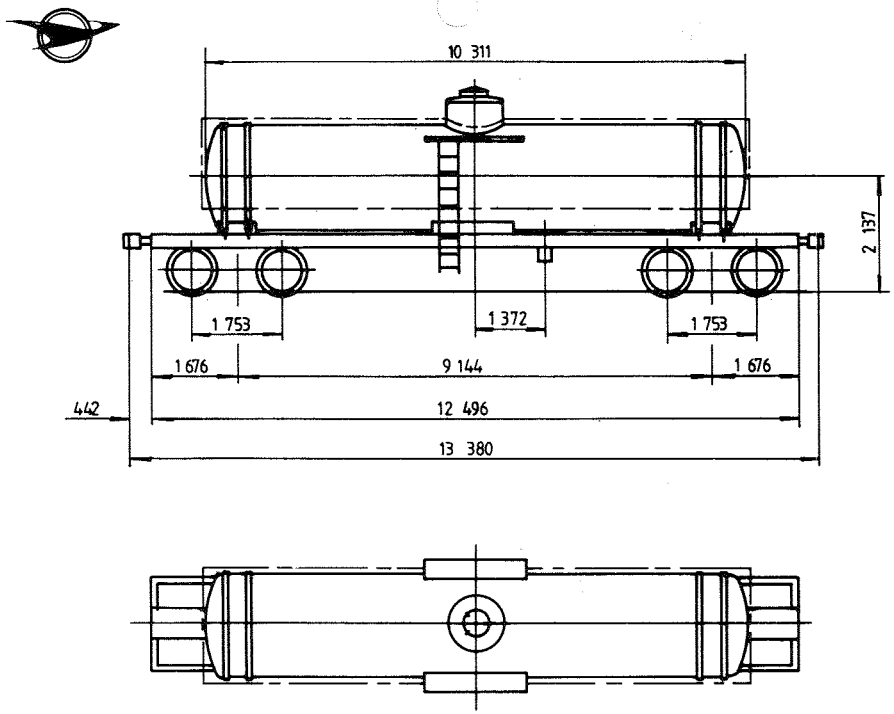
Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

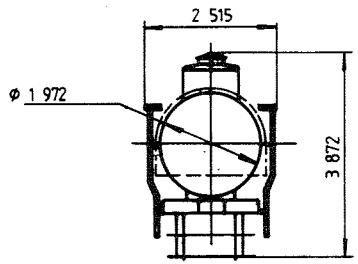
Drawing Number / Tekeningnommer	CME 115/12 - A21; CME 136/12 - A21	W1/10982	
Bogie Type / Draaisteltipe	SARCAST		
Bearing Size / Laergrootte	11 × 5 1/2		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6/6		
Brake System / Remstelsel	V		
Brake Cylinders / Remsilinders	(V) 2/18	(L)	
Train Pipe / Treinpyp; Brake Pipe / Rempyp	(V) 65 (50)	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 82,5/31,4; 91,1/34,6	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	S OP – S / SAR – SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)		Capacity (full) / Inhoudsvermoë (vol) L	30 890	Tare (Average) / Tarra (Gemiddeld) kg	20 370
		Contents / Inhoud		Capacity / Inhoudsvermoë L	Mass / Massa kg
		LIQUOR / DRANK		30 890	33 210
Tank Material / Tenkmateriaal	SPEC. CME 9, SYM. 8 / SPES. SIM.				
Tank Lining / Tenkvoering	AMERCOTE / EMAILLIT / PRODORGLAS 'R'				
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor					
Originally designed for / Oorspronklik ontwerp vir	WATER TREACLE OIL / STROOP OLIE				
Converted for / Omskep vir	LIQUOR / DRANK				
Revision / Hersiening					
Date / Datum					

XW - 4

135





Drawgear Equipment - Trekwerkuitrusting
Coupler hydraulic cushioning device
KK Koppelaar hidroulliese kussinginrigting
SSC Centre sill hydraulic cushioning device
Middelbalk hidroulliese kussinginrigting

XD-5

Brake System - Remstelsel
A Dual Power - Automatic
Tweekrag - Outomaties
R Slack Adjuster
Remversteller
V Vacuum
Vakuum
L Air
Lug
D Dual Power - Manually operated
Tweekrag - Handbediening

Remarks
Opmerkings :-

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
47 - 014 008 / 47 - 014 156	1967 - 68
47 - 014 164 / 47 - 014 202	1967

Converted from Omskep van	Date Datum
● X -25	1968

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number Tekeningnommer	W. 1 / 20099	
Bogie Type Draaisteltipe	SARCAST	
Bearing Size Laergrootte	11 x 5 1/2	
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	8 / 0	
Brake System Remstelsel	V	
Brake Cylinders Remsilinders	(V) 2/18	(L)
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 85,4 / 33,8	(L)
Drawgear Equipment Trekwerkuitrusting	AAR M 901 E	
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR - SAS	

Centre of Gravity (Empty) Swaartepunt (Leeg)						
Tank Material Tenkmateriaal	SPEC SPES CME 9,		SYM SIM 8			
Tank Lining Tenkvoering	PRODORGLAS 'R' / EMAILLIT					
Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor						
Originally designed for Oorspronklik ontwerp vir	WATER	TREACLE STROOP	OIL OLIE			
Converted for Omskep vir	LIQUOR DRANK					
Revision Hersiening						
Date Datum						

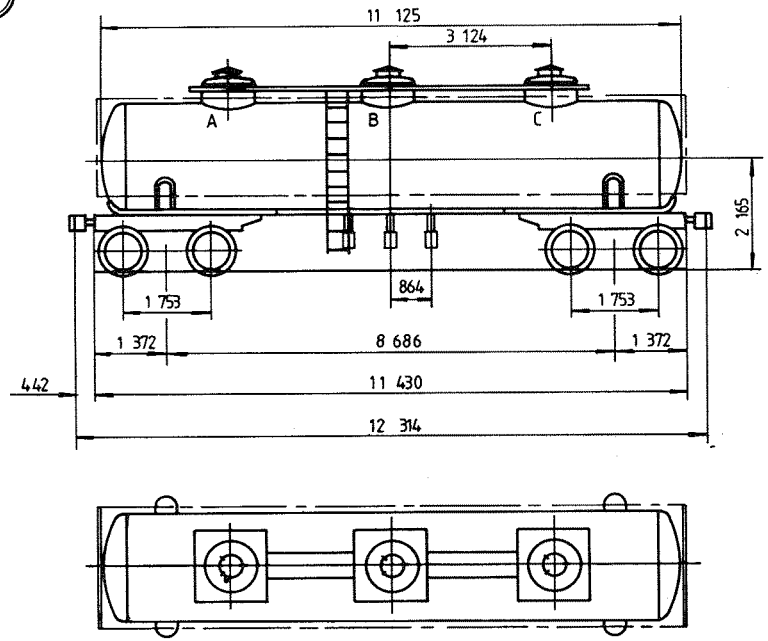
Capacity (full) l Inhoudsvermoë (vol) l	30 900	Tare (Average) kg Tarra (Gemiddeld) kg	21 730
Contents Inhoud		Capacity l Inhoudsvermoë l	Mass kg Massa kg
LIQUOR DRANK		30 900	33 220

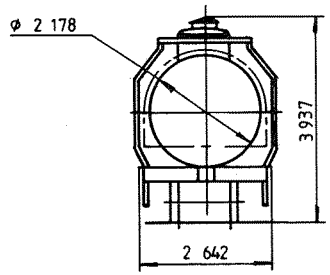
XW - 5

136

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller





Remarks
Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
47 - 015 004 / 47 - 015 101	1971

Converted from / Omskep van	Date / Datum

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W. 001 / D 004
Bogie Type / Draaisteltipe	SPOORBARBER
Bearing Size / Laergrootte	C
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 4
Brake System / Remstelsel	V
Brake Cylinders / Remsilinders	(V) 2 / 18 (L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 85,92 / 32,7 (L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E
Coupler / Yoke / Koppelaar / Juk	SA[illegible]P - S / SAR - SAS

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1518
Tank Material / Tenkmateriaal	SPEC / SPES CME 9, SYM / SIM 8
Tank Lining / Tenkvoering	PRODORGLAS 'R' / EMAILLIT
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000
Originally designed for / Oorspronklik ontwerp vir	LIQUOR / DRANK
Converted for / Omskep vir	
Revision / Hersiening	
Date / Datum	

Capacity (full) l / Inhoudsvermoë (vol) l	Tare (Average) kg / Tarra (Gemiddeld) kg
39 900	22 660

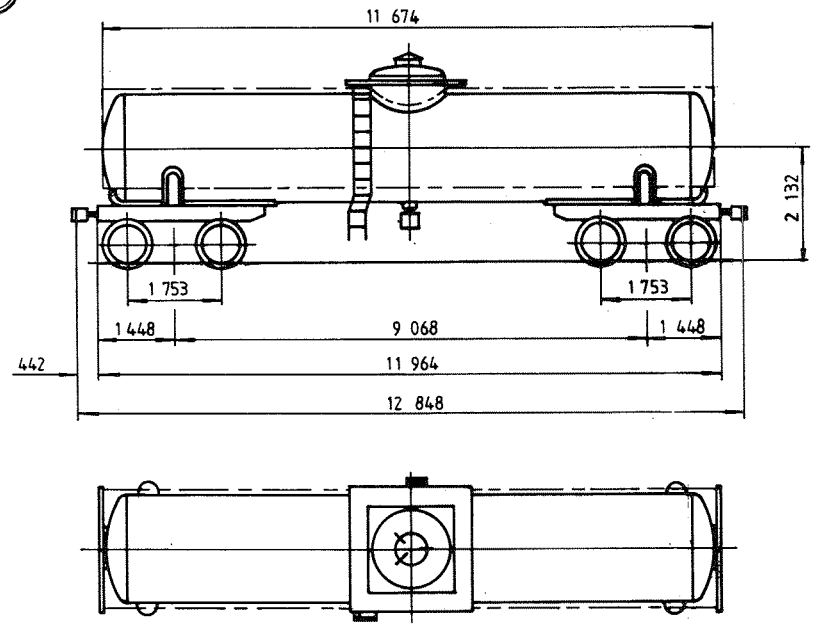
Contents / Inhoud	Capacity / Inhoudsvermoë l	Mass / Massa kg
LIQUOR / DRANK	A 11 400	A 12 260
	B 11 490	B 12 350
	C 11 380	C 12 230
TOTAL	34 270	36 840

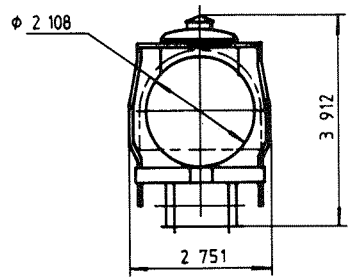
XW-6

137

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulies kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulies kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller





Remarks
Opmerkings :-

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
47 - 011 343 / 47 - 011 386	1971

Converted from / Omskep van	Date / Datum
X – 3	1972

Drawing Number / Tekeningnommer	W. 001 / V 001		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 769	
Bogie Type / Draaisteltipe	SPOORBARBER				
Bearing Size / Laergrootte	C				
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 4		Tank Material / Tenkmateriaal	ASTM 515 GR 65	
Brake System / Remstelsel	V / R		Tank Lining / Tenkvoering	PRODORGLAS "R"	
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	WATER, OIL / OLIE	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 79,5 / 29,3	(L)	Converted for / Omskep vir	LIQUOR / DRANK	
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		Revision / Hersiening		
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum		

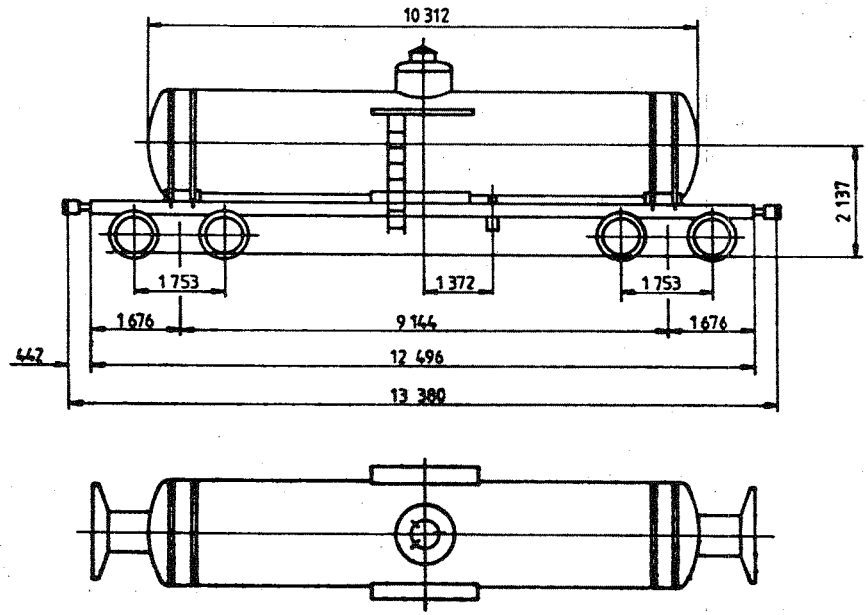
Capacity (full) / Inhoudsvermoë (vol) l	40 050	Tare (Average) / Tarra (Gemiddeld) kg	22 080
Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
LIQUOR / DRANK		35 200	37 840

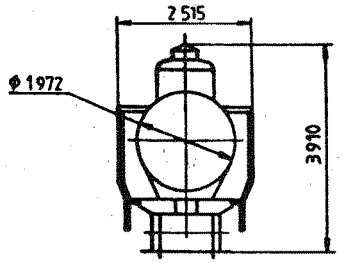
XW - 8

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middeldeibalk hidrouliese kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Vacuum / Vakuum
Air / Lug
Dual Power - Manually operated / Tweekrag - Handbediening





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
47-013 192 / 47-013 222	1964

Converted from / Omskep van	Date / Datum
XW-4 (Ex.X-22)	1986

Remarks / Opmerkings : Wagons fitted with Sunshields:- / Trokke met Sonskerms gepas:- No's 47-013 214, 47-013 222

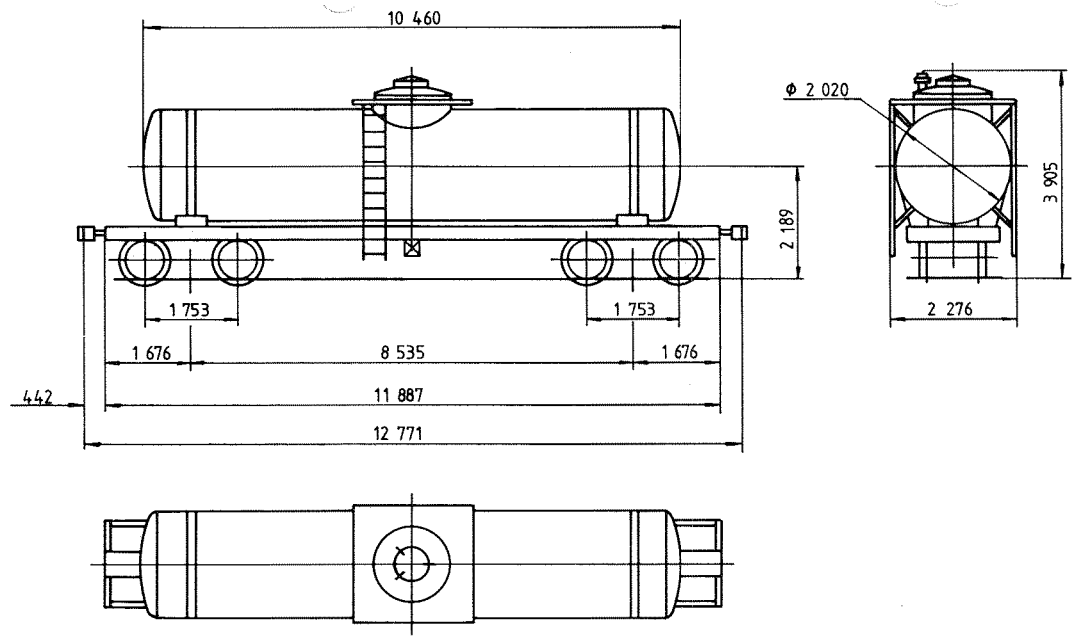
For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12-A99

Drawing Number / Tekeningnommer	CME 136/12-A21	
Bogie Type / Draaisteltipe	SARCAST	
Bearing Size / Laergrootte	11 × 5 1/2	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6/6	
Brake System / Remstelsel	V/R	
Brake Cylinders / Remsilinders	(V) 2/15	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 71,93/27,35	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901-E	
Coupler / Yoke / Koppelaar / Juk	SAS[illegible] - S / SAR - SAS	

Centre of Gravity (Empty) / Swaartepunt (Leeg)		Capacity (full) / Inhoudsvermoë (vol)	l 30 890	Tare (Average) / Tarra (Gemiddeld)	kg 20 370
		Contents / Inhoud		Capacity / Inhoudsvermoë	l Mass / Massa kg
		LIQUOR / DRANK		30 890	33 210
Tank Material / Tenkmateriaal	SPEC. CME 9, SPES.	SYM. 8 / SIM.			
Tank Lining / Tenkvoering	AMERCOTE / EMAILLIT PRODORGLAS 'R'				
Design Limit-Mass on Rail kg / Ontwerplimiet-Massa op Spoor					
Originally designed for / Oorspronklik ontwerp vir	WATER TREACLE OIL / STROOP OLIE				
Converted for / Omskep vir	LIQUOR / DRANK				
Revision / Hersiening					
Date / Datum					

XWJ-4

138



Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
40 - 010 007 / 40 - 010 635	1976

Converted from / Omskep van	Date / Datum

Remarks
Opmerkings

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

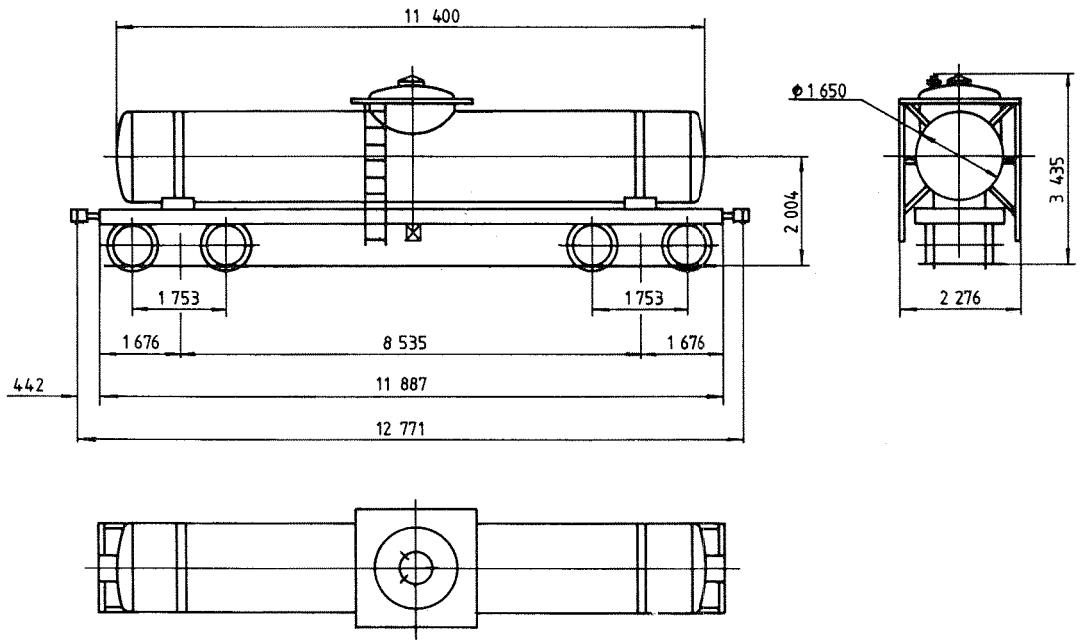
Drawing Number / Tekeningnommer	W.001 / F 019 W.001 / K 001		
Bogie Type / Draaisteltipe	SPOORBARBER		
Bearing Size / Laergrootte	C		
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 4		
Brake System / Remstelsel	V / R		
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)	
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 77,3 / 29,4	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 228					
Tank Material / Tenkmateriaal	STAINLESS STEEL SPEC. / VLEKVRYSTAAL SPES.	A S T M A. 240	TYPE / TIPE	316 L		
Tank Lining / Tenkvoering						
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000					
Originally designed for / Oorspronklik ontwerp vir	GENERAL PURPOSE / ALDOEL					
Converted for / Omskep vir						
Revision / Hersiening						
Date / Datum						

Capacity (full) / Inhoudsvermoë (vol)	l	32 620	Tare (Average) / Tarra (Gemiddeld)	kg	22 840
Contents / Inhoud			Capacity / Inhoudsvermoë	l	Mass / Massa kg
R.D. = 1,0			32 620		32 620
MAX. LOAD / MAKS. VRAG					37 160

XX-1

139



Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Remarks / Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
40 - 010 643	1976

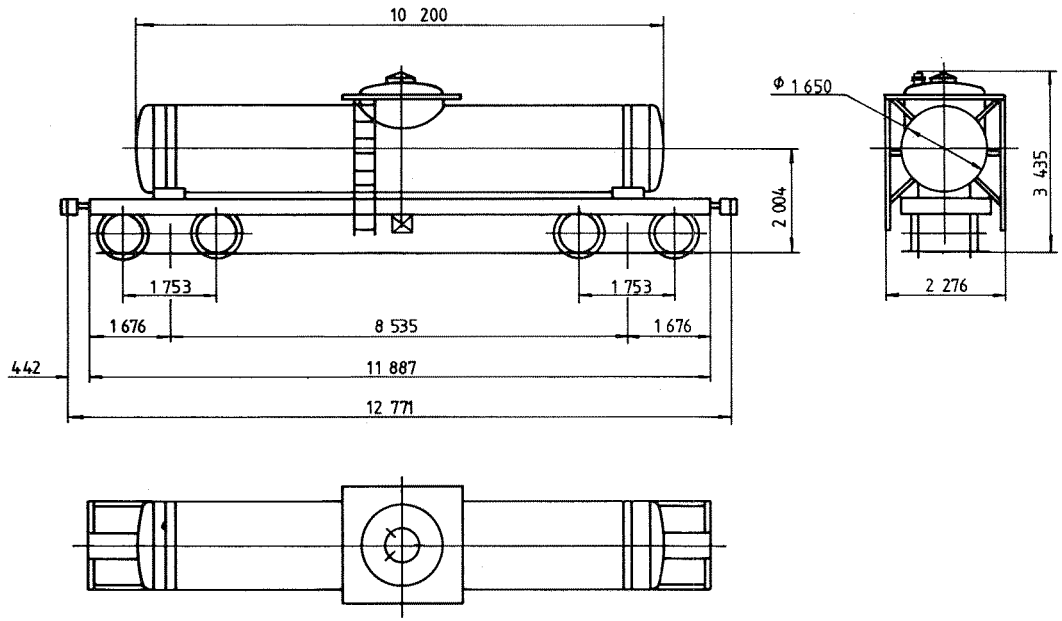
Converted from / Omskep van	Date / Datum

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W. 001 / F 019 W. 002 / K 001		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 143		Capacity (full) / Inhoudsvermoë (vol)	l 24 000	Tare (Average) / Tarra (Gemiddeld)	kg 22 150
Bogie Type / Draaisteltipe	SPOORBARBER					Contents / Inhoud		Capacity / Inhoudsvermoë	l Mass / Massa kg
Bearing Size / Laergrootte	C					R.D = 1,4		24 000	33 600
Springs per Bogie / Vere per Draaistel — Outer / Buite — Inner / Binne	10 / 4		Tank Material / Tenkmateriaal	STAINLESS STEEL, VLEKVRYSTAAL,	SPEC. SPES. ASTM A 240 TYPE 316 L TIPE	MAX. LOAD / MAKS. VRAG			37 850
Brake System / Remstelsel	V / R		Tank Lining / Tenkvoering						
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)	Design Limit - Mass on Rail / Ontwerplimiet - Massa op Spoor	kg 60 000					
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	GENERAL PURPOSE ALDOEL					
Brake Percentage — Empty / Loaded — Leeg / Met Vrag / Rempersentasie	(V) 79,7 / 29,4	(L)	Converted for / Omskep vir						
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		Revision / Hersiening						
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum						

XX-2

140



Remarks
Opmerkings :-

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
40 - 010 651	1976

Converted from Omskep van	Date Datum

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number Tekeningnommer	W. 001 / F 019 W. 003 / K 001		Centre of Gravity (Empty) Swaartepunt (Leeg)	1 110		Capacity (full) Inhoudsvermoë (vol) L	21 300	Tare (Average) Tarra (Gemiddeld) kg	21 300
Bogie Type Draaisteltipe	SPOORBARBER					Contents Inhoud		Capacity Inhoudsvermoë L	Mass Massa kg
Bearing Size Laergrootte	C					R.D.= 1,6		21 300	34 080
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	10 / 4		Tank Material Tenkmateriaal	STAINLESS STEEL SPEC. A STM. A 240 TYPE 316 L VLEKVRYSTAAL SPES. TIPE		MAX. LOAD MAKS. VRAG			38 700
Brake System Remstelsel	V / R		Tank Lining Tenkvoering						
Brake Cylinders Remsilinders	(V) 2 / 18	(L)	Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor	60 000					
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for Oorspronklik ontwerp vir	GENERAL PURPOSE ALDOEL					
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 82,8 / 29,4	(L)	Converted for Omskep vir						
Drawgear Equipment Trekwerkuitrusting	AAR M 901 E		Revision Hersiening						
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR - SAS		Date Datum						

XX-3

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device
Koppelaar hidroulliese kussinginrigting
SSC Centre sill hydraulic cushioning device
Middelbalk hidroulliese kussinginrigting

Brake System - Remstelsel
V Vacuum Vakuum
L Air Lug
D Dual Power - Manually operated
Tweekrag - Handbediening
A Dual Power - Automatic
Tweekrag - Outomaties
R Slack Adjuster
Remversteller

141

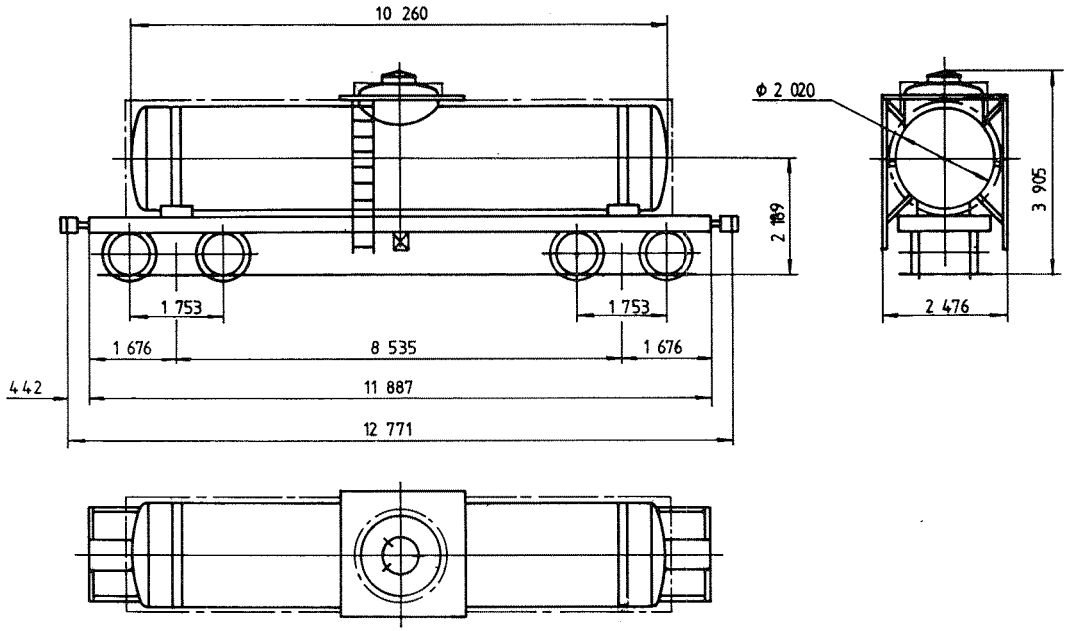
Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller



Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
40 - 010 678 / 40 - 010 988	1976

Converted from / Omskep van	Date / Datum

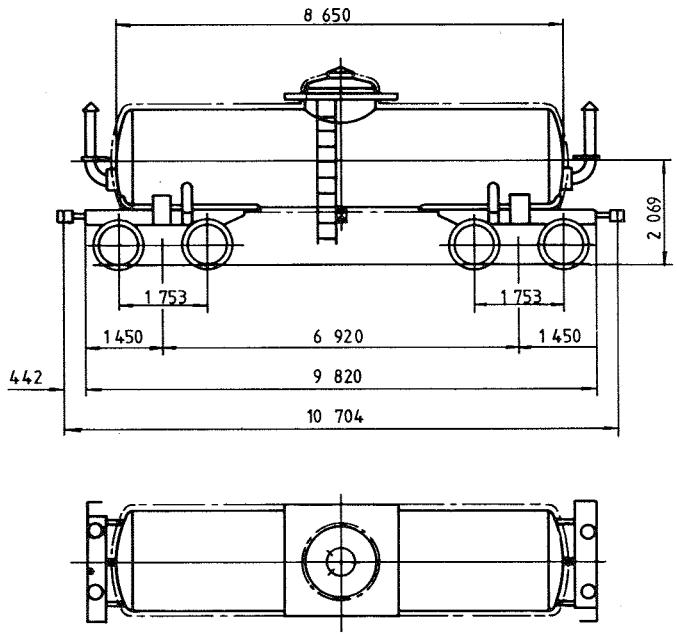
Remarks / Opmerkings: INSULATED BARREL / GEISOLEERDE ROMP

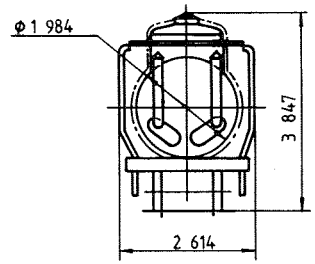
For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W 001 / F 019 W 004 / K 001		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 260		Capacity (full) / Inhoudsvermoë (vol)	l 32 010	Tare (Average) / Tarra (Gemiddeld)	kg 23 520
Bogie Type / Draaisteltipe	SPOORBARBER					Contents / Inhoud		Capacity / Inhoudsvermoë	l Mass / Massa kg
Bearing Size / Laergrootte	C					R.D. 1,0		32 010	32 010
Springs per Bogie / Vere per Draaistel — Outer / Buite — Inner / Binne	10 / 4		Tank Material / Tenkmateriaal	STAINLESS STEEL / VLEKVRYSTAAL	SPEC. A.S.T.M. A 240 TYPE 316 L / SPES. TIPE	MAX. LOAD / MAKS. VRAG			36 480
Brake System / Remstelsel	V/R		Tank Lining / Tenkvoering						
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)	Design Limit - Mass on Rail / Ontwerplimiet - Massa op Spoor	kg 60 000					
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	GENERAL PURPOSE / ALDOEL					
Brake Percentage / Rempersentasie — Empty / Loaded / Leeg / Met Vrag	(V) 75 / 29,4	(L)	Converted for / Omskep vir						
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		Revision / Hersiening						
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR-SAS		Date / Datum						

XX-4

142





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
40 - 010 996 / 40 - 011 097	1976 - 77

Converted from / Omskep van	Date / Datum

Remarks / Opmerkings: INSULATED BARREL. FITTED WITH STEAM / FLAME HEATING ELEMENTS
GEÏSOLEERDE ROMP. TOEGERUS MET ELEMENTE VIR STOOM-/ VLAMVERWARMING

◓ STAINLESS STEEL / VLEKVRYSTAAL SPEC. / SPES. ASTM A 240 TYPE / TIPE 316 L

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

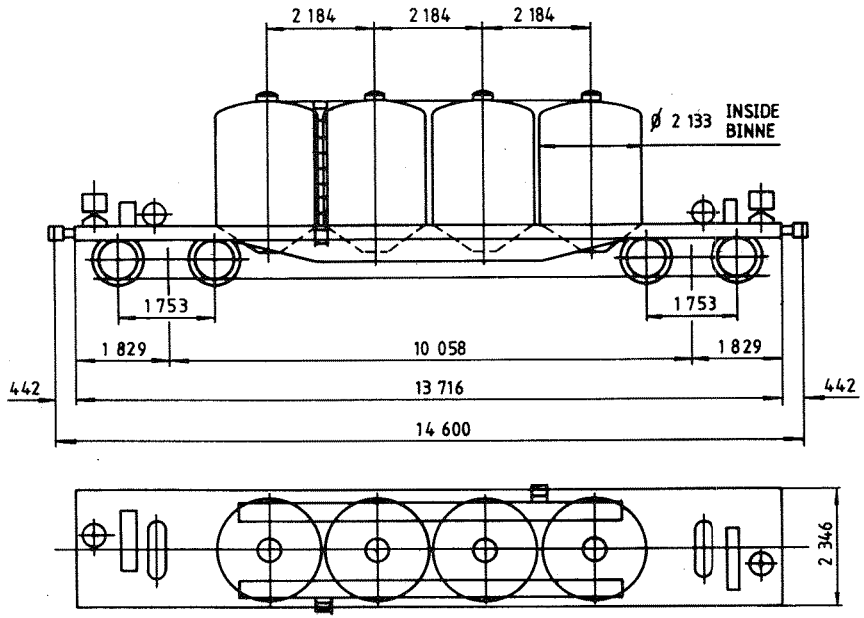
Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulliese kussinginrigting

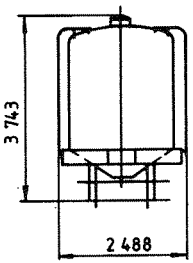
Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Drawing Number / Tekeningnommer	W. 001 / V 011		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 271	Capacity (full) / Inhoudsvermoë (vol)	24 710	Tare (Average) / Tarra (Gemiddeld) kg	23 290
Bogie Type / Draaisteltipe	SPOORBARBER				Contents / Inhoud		Capacity / Inhoudsvermoë	Mass / Massa kg
Bearing Size / Laergrootte	C						24 710	36 710 MAX / MAKS
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 4		Tank Material / Tenkmateriaal	ASTM A 285 GR C				
Brake System / Remstelsel	V / R		Tank Lining / Tenkvoering	◓				
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)	Design Limit-Mass on Rail kg / Ontwerplimiet-Massa op Spoor	60 000				
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	GENERAL PURPOSE / ALDOEL				
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 70, 6 / 27,2	(L)	Converted for / Omskep vir					
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening					
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum					

XX-5

143





Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Remarks / Opmerkings : FITTED WITH STAINLESS STEEL TANKS / MET VLEKVRYSTAALTENKE GEPAS

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
18-800 009; 18-800 017	1974

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	W001/D017		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 075	
Bogie Type / Draaisteltipe	SPOORBARBER				
Bearing Size / Laergrootte	C				
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/4				
Brake System / Remstelsel	V/R				
Brake Cylinders / Remsilinders	(V) 2/18	(L) —	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L) —	Originally designed for / Oorspronklik ontwerp vir	EDIBLE POWDER / EETBARE POEIER	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 78,9/29,6	(L) —	Converted for / Omskep vir	—	
Drawgear Equipment / Trekwerkuitrusting	AAR M901E		Revision / Hersiening		
Coupler / Yoke / Koppelaar / Juk	SKOP S / SAR SAS		Date / Datum		

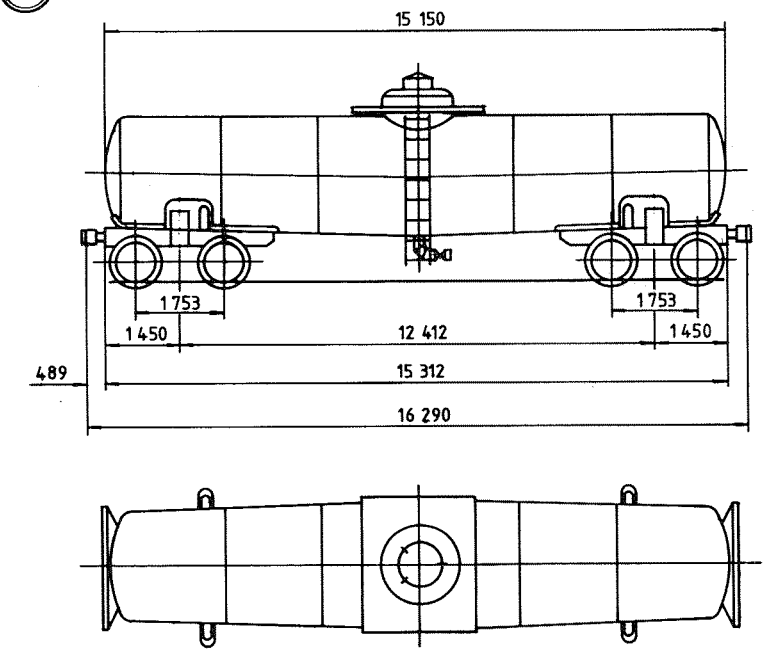
Tare (Average) kg / Tarra (Gemiddeld) kg	22 250
Load kg / Vrag kg	37 000
Load (Coal) kg / Vrag (Steenkool) kg	—
Floor Area m^2 / Vloeroppervlakte m^2	—
Capacity m^3 / Inhoudsvermoë m^3	8 / TANK TENK

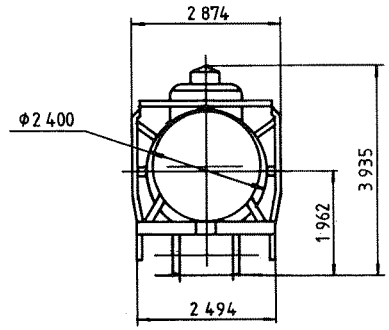
XXG-1

144

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller





Remarks
Opmerkings :

1.2024812 ont

1574282

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
47-500 018 / 47-500 662	1981-82

Converted from / Omskep van	Date / Datum

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12-A99

Drawing Number / Tekeningnommer	W.001 / D 065		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 322		Capacity (full) / Inhoudsvermoë (vol)	l	57 530	Tare (Average) / Tarra (Gemiddeld) kg 25 510
Bogie Type / Draaisteltipe	H.S. MK. VII					Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
Bearing Size / Laergrootte	D					EDIBLE OILS / EETBARE OLIES		52 100	48 490 MAX / MAKS
Springs per Bogie / Vere per Draaistel — Outer / Buite — Inner / Binne	10 / 10		Tank Material / Tenkmateriaal	SPEC. CME 9 SYM. 8 / SPES. SIM.					
Brake System / Remstelsel	V / R		Tank Lining / Tenkvoering	EPOXY-RESIN PAINT / EPOKSIHARSVERF (CITAL 28.05)					
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)	Design Limit-Mass on Rail / Ontwerplimiet-Massa op Spoor kg	80 000					
Train Pipe / Treinpyp — Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	EDIBLE OILS / EETBARE OLIES					
Brake Percentage — Empty / Loaded / Rempersentasie — Leeg / Met Vrag	(V) 69,3 / 23,9	(L)	Converted for / Omskep vir						
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening						
Coupler / Yoke / Koppelaar / Juk	E / E		Date / Datum						

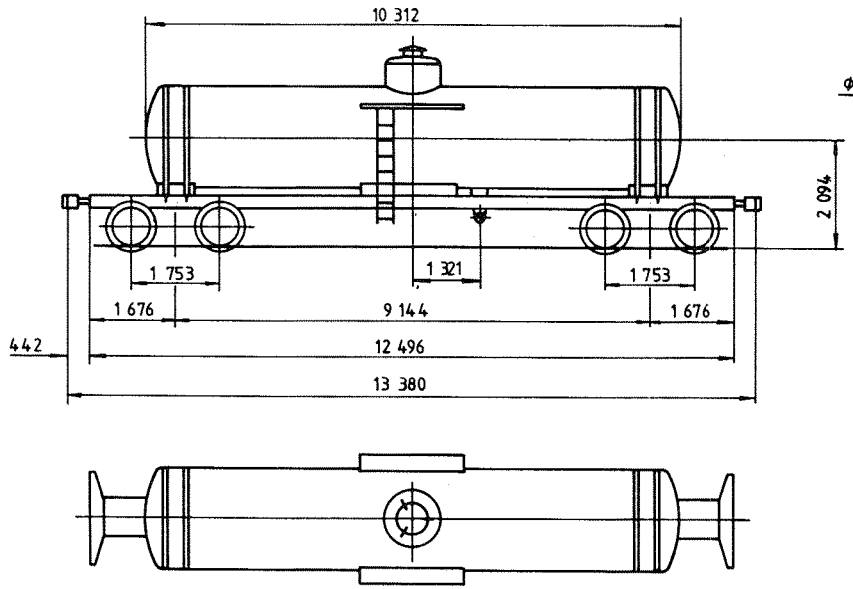
XYJ-1

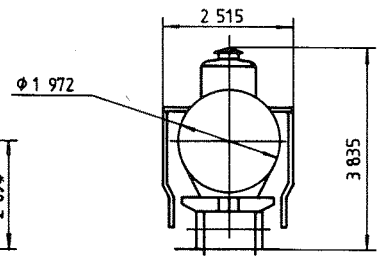
145

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

XCS — 2

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening





Remarks
Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
48 - 011 045	1958
48 - 011 088	1959
48 - 011 118	1959

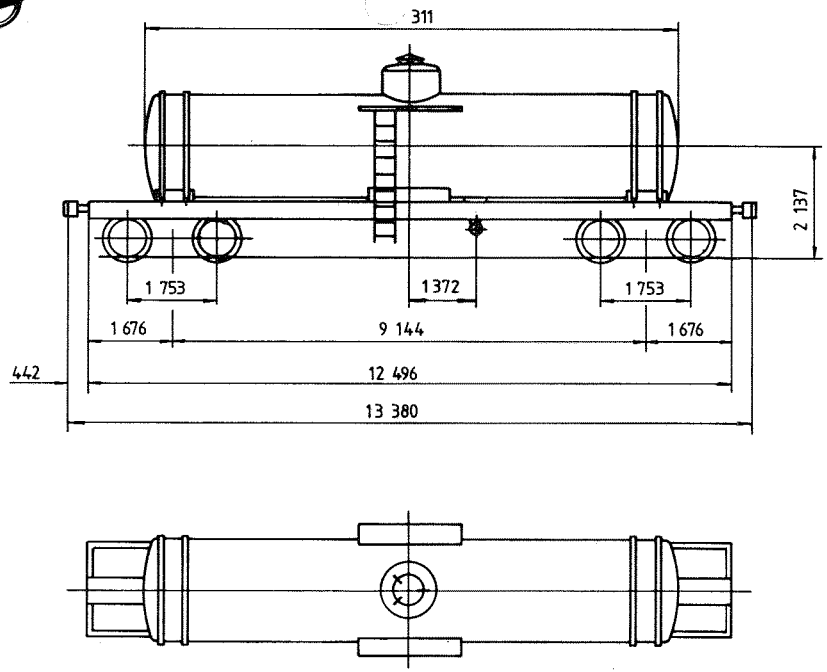
Converted from / Omskep van	Date / Datum

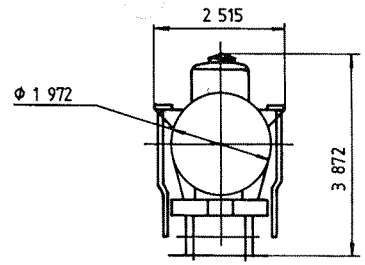
For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	CME 115 / 12 - A 21		Centre of Gravity (Empty) / Swaartepunt (Leeg)		Capacity (full) / Inhoudsvermoë (vol)	L 30 930	Tare (Average) / Tarra (Gemiddeld)	kg 19 500
Bogie Type / Draaisteltipe	SARCAST				Contents / Inhoud		Capacity / Inhoudsvermoë	L Mass / Massa kg
Bearing Size / Laergrootte	11 x 5½				CAUSTIC SODA / BYTSODA		29 730	47 570
Springs per Bogie / Vere per Draaistel — Outer / Buite / Inner / Binne	6 / 6		Tank Material / Tenkmateriaal	SPEC / SPES CME 9 SYM / SIM 8	CAUSTIC LYE / BYTLOOG		30 930	46 670
Brake System / Remstelsel	V		Tank Lining / Tenkvoering	EPOXY - RESIN / EPOKSIHARS (VEPOX CC 21)				
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)	Design Limit - Mass on Rail / Ontwerplimiet - Massa op Spoor kg					
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (50)	(L)	Originally designed for / Oorspronklik ontwerp vir	WATER TREACLE OIL / STROOP OLIE				
Brake Percentage — Empty / Loaded / Leeg / Met Vrag / Rempersentasie	(V) 86,2 / 25,1	(L)	Converted for / Omskep vir	CAUSTIC SODA; CAUSTIC LYE / BYTSODA ; BYTLOOG				
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening					
Coupler / Yoke / Koppelaar / Juk	SA[illegible]-S / SAR-SAS		Date / Datum					

XZ-2

196





Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

XCS-3

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller

Remarks / Opmerkings :-

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
48 - 012 106	1967
48 - 012 122	1967
48 - 012 149	1967
48 - 012 157	1967
48 - 012 238	1967

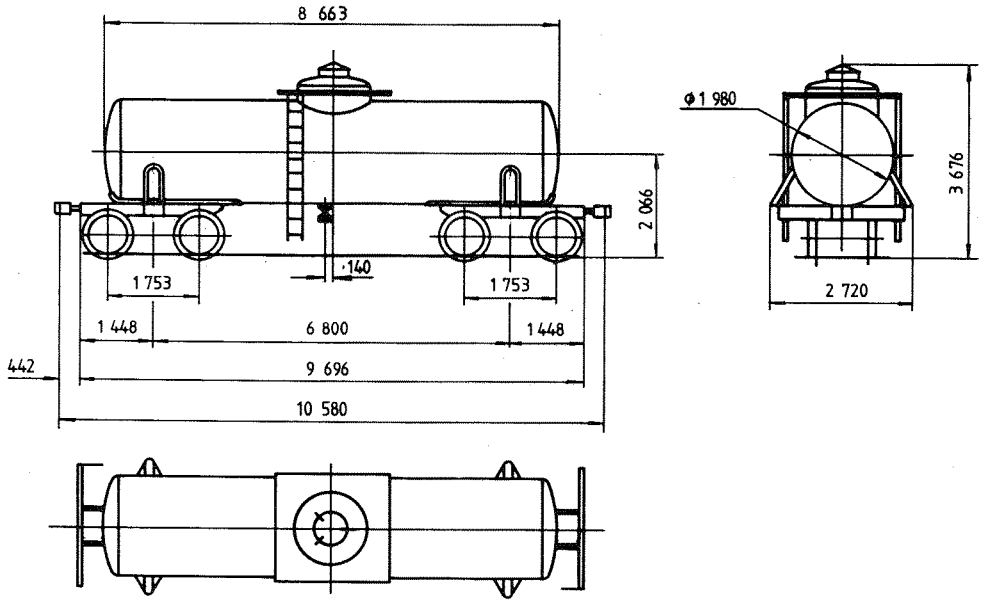
Converted from / Omskep van	Date / Datum
X - 25	1968

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	CME 152 / 12 - A 21		Centre of Gravity (Empty) / Swaartepunt (Leeg)		Capacity (full) / Inhoudsvermoë (vol)	30 940 l	Tare (Average) / Tarra (Gemiddeld) kg	21 010
Bogie Type / Draaisteltipe	SARCAST				Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
Bearing Size / Laergrootte	11 × 5½				CAUSTIC SODA / BYTSODA		29 110	46 580
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	8 / 0		Tank Material / Tenkmateriaal	SPEC. CME 9 SYM. 8 / SPES. SIM. 8	CAUSTIC LYE / BYTLOOG		30 760	46 420
Brake System / Remstelsel	V		Tank Lining / Tenkvoering	EPOXY RESIN (VEPOX CC 21) / EPOKSIHARS				
Brake Cylinders / Remsilinders	(V) 2 / 18	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor					
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	TREACLE OIL / WATER STROOP OLIE				
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 88,3 / 27,5	(L)	Converted for / Omskep vir	CAUSTIC SODA, CAUSTIC LYE / BYTSODA, BYTLOOG				
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E		Revision / Hersiening					
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		Date / Datum					

XZ-3

147



Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
48 - 013 005 / 48 - 013 439	1971 / 72

Converted from / Omskep van	Date / Datum

Remarks / Opmerkings :

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W 001 / V 003	
Bogie Type / Draaisteltipe	SPOORBARBER	
Bearing Size / Laergrootte	C	
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10/4	
Brake System / Remstelsel	V / R	
Brake Cylinders / Remsilinders	(V) 2/18	(L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 87, 9/ 27	(L)
Drawgear Equipment / Trekwerkuitrusting	AAR M 901 E	
Coupler / Yoke / Koppelaar / Juk	SASKOP-S / SAR-SAS	

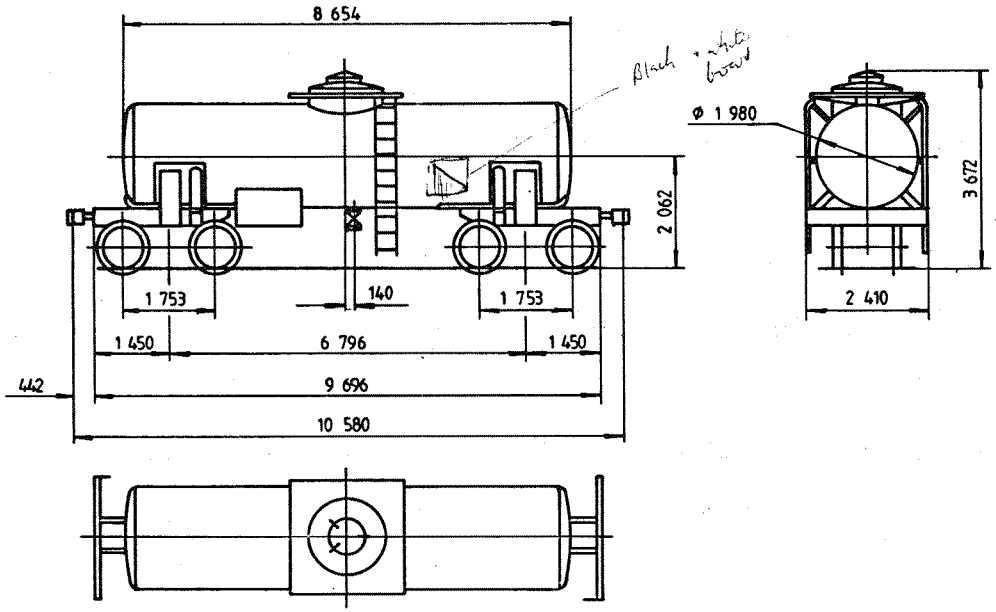
Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 108	Capacity (full) / Inhoudsvermoë (vol) L	26 100	Tare (Average) / Tarra (Gemiddeld) kg	18 430
		Contents / Inhoud		Capacity / Inhoudsvermoë L	Mass / Massa kg
		CAUSTIC SODA / BYTSODA		26 100	41 570 MAX / MAKS
Tank Material / Tenkmateriaal	BS 1501-151 GR 28 A				
Tank Lining / Tenkvoering	EPOXY RESIN / EPOKSIHARS (VEPOX CL 21)				
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	60 000				
Originally designed for / Oorspronklik ontwerp vir	CAUSTIC SODA / BYTSODA				
Converted for / Omskep vir					
Revision / Hersiening					
Date / Datum					

XZ - 4

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening

148



Remarks
Opmerkings :

Vehicle Numbers Voertuignommers	Placed in Service In Gebruik Geneem
48 - 013 447 / 48 - 013 714 48 - 013 722 / 48 - 014 265	1975 - 76 1976

Converted from Omskep van	Date Datum

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidroulliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidroulliese kussinginrigting

Brake System - Remstelsel
A Dual Power - Automatic Tweekrag - Outomaties
R Slack Adjuster Remversteller
V Vacuum Vakuum
L Air Lug
D Dual Power - Manually operated Tweekrag - Handbediening

Drawing Number Tekeningnommer	W.001 / V010 W.001 / F020		Centre of Gravity (Empty) Swaartepunt (Leeg)	1 110		Capacity (full) Inhoudsvermoë(vol)	l 26 010	Tare (Average) Tarra(Gemiddeld)	kg 19 330
Bogie Type Draaisteltipe	SPOORBARBER					Contents Inhoud		Capacity Inhoudsvermoë	l Mass Massa kg
Bearing Size Laergrootte	C					CAUSTIC SODA BYTSODA		26 010	40 670 MAX MAKS
Springs per Bogie Outer / Inner Vere per Draaistel Buite / Binne	10 / 4		Tank Material Tenkmateriaal	SPEC CME 9, SYM 8 SPES SIM					
Brake System Remstelsel	V / R		Tank Lining Tenkvoering	EPOXY RESIN (VEPOX CC21) EPOKSIHARS					
Brake Cylinders Remsilinders	(V) 2/18	(L)	Design Limit - Mass on Rail kg Ontwerplimiet - Massa op Spoor	60 000					
Train Pipe / Treinpyp Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for Oorspronklik ontwerp vir	CAUSTIC SODA BYTSODA					
Brake Percentage Empty / Loaded Rempersentasie Leeg / Met Vrag	(V) 79/25,5	(L)	Converted for Omskep vir						
Drawgear Equipment Trekwerkuitrusting	AAR M 901 E		Revision Hersiening	1					
Coupler / Yoke Koppelaar / Juk	SASKOP - S / SAR - SAS		Date Datum	86-04-30					

XZ - 5

Drawgear Equipment - Trekwerkuitrusting

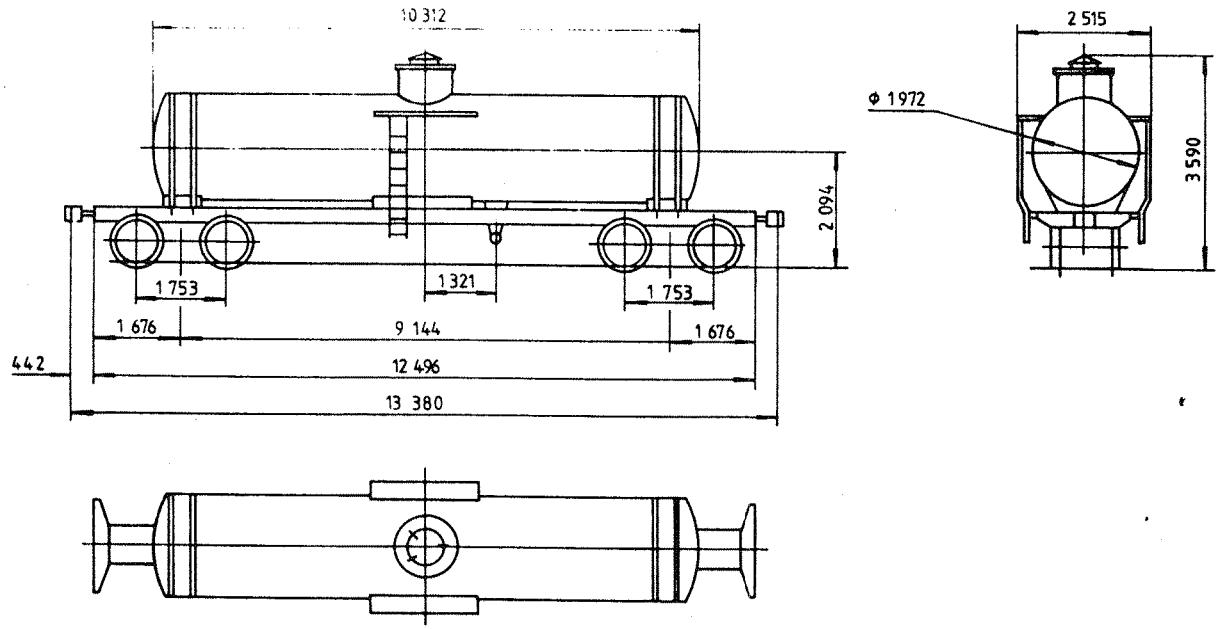
KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middeltalk hidrouliese kussinginrigting

Brake System - Remstelsel

A Dual Power - Automatic
Tweekrag - Outomaties
R Slack Adjuster
Remversteller

V Vacuum
Vakuum
L Air
Lug
D Dual Power - Manually operated
Tweekrag - Handbediening



Remarks / Opmerkings: DOME TO DRG. / HELM VOLGENS TEK No. CME 3249/12-000

DISCHARGE TO DRG. / UITLAAT VOLGENS TEK. No. CME 68/075016-C92

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
48-300 004 / 48-300 217	1959 – 61

Converted from / Omskep van	Date / Datum
X-21 (ex. XS-5)	1986

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12-A99

Drawing Number / Tekeningnommer	CME. 115/12-A21
Bogie Type / Draaisteltipe	SARCAST
Bearing Size / Laergrootte	11 × 5½
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6/6
Brake System / Remstelsel	V
Brake Cylinders / Remsilinders	(V) 2/18 (L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (50) (L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 85,21/25,43 (L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E
Coupler / Yoke / Koppelaar / Juk	KOP – S / SAR – SAS

Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 051
Tank Material / Tenkmateriaal	SPEC. SYM. SPES. CME 9 SIM. 8
Tank Lining / Tenkvoering	
Design Limit-Mass on Rail kg / Ontwerplimiet-Massa op Spoor	
Originally designed for / Oorspronklik ontwerp vir	WATER TREACLE OIL / STROOP OLIE
Converted for / Omskep vir	CAUSTIC SODA: D.C. / BYTSODA: D.S.

Revision / Hersiening	1	2
Date / Datum	86-04-30	86-12-19

Capacity (full) / Inhoudsvermoë (vol) ℓ	30 880	Tare (Average) / Tarra (Gemiddeld) kg	19 730
Contents / Inhoud		Capacity / Inhoudsvermoë ℓ	Mass / Massa kg
CAUSTIC SODA: DIAPHRAGM CELL GRADE / BYTSODA: DIAFRAGMASELGRAAD	30 410		46 380

XZA-1

Drawgear Equipment - Trekwerkuitrusting

KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting

SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel

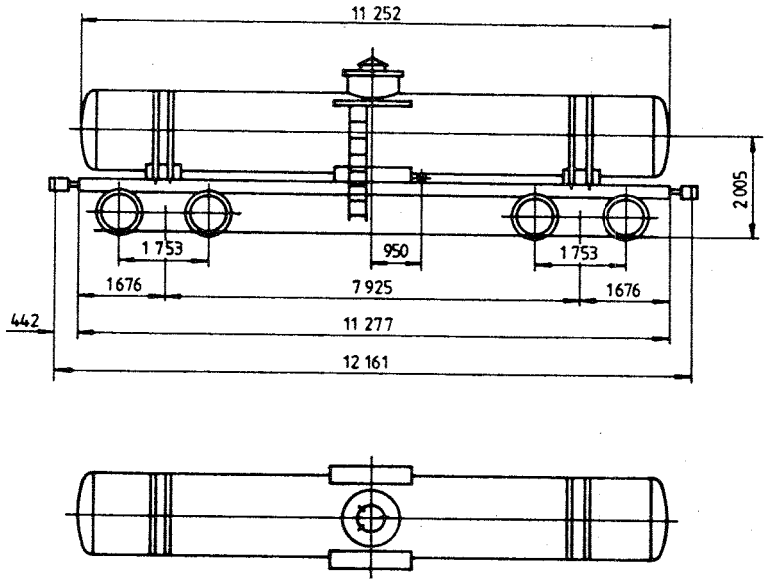
V Vacuum
Vakuum

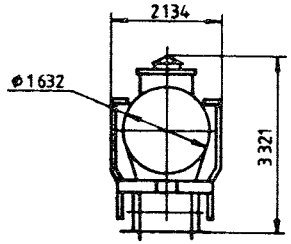
L Air
Lug

D Dual Power - Manually operated
Tweekrag - Handbediening

A Dual Power - Automatic
Tweekrag - Outomaties

R Slack Adjuster
Remversteller





Remarks / Opmerkings: Dome and Discharge To Drg. Helm en Uitlaat Volgens Tek. No. CME 3249/12-000

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
48 - 310 018 / 48 - 310 174	1940 - 50

Converted from / Omskep van	Date / Datum
XM-5 (ex. ou XS-4 Orig. Oorspr. X-16)	1986

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Drawing Number / Tekeningnommer	W.1/9382 W.1/9842	W.1/10927	
Bogie Type / Draaisteltipe	DIAM. FRAME RUITRAAM	CANCAR	SARCAST
Bearing Size / Laergrootte	11×5½	10×5	11×5½
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	4 ELLIP	8/0	6/6
Brake System / Remstelsel	V		
Brake Cylinders / Remsilinders	(V) 1/21	(L)	
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (50)	(L)	
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 83,4 / 25,8	(L)	
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		
Coupler / Yoke / Koppelaar / Juk	SASKOP - S / SAR - SAS		

Centre of Gravity (Empty) / Swaartepunt (Leeg)						
Tank Material / Tenkmateriaal	SPEC. CME 9, SPES.	SYM. 8 SIM.				
Tank Lining / Tenkvoering						
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor						
Originally designed for / Oorspronklik ontwerp vir	WATER	TREACLE OIL STROOP OLIE				
Converted for / Omskep vir	CAUSTIC SODA: D.C. BYTSODA: D.S					
Revision / Hersiening						
Date / Datum						

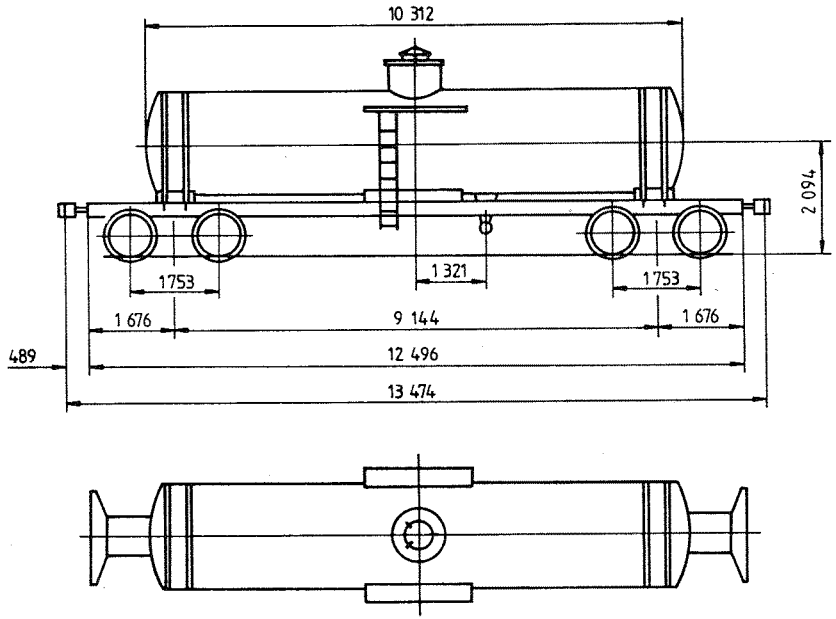
Capacity (full) / Inhoudsvermoë (vol) L	Tare (Average) / Tarra (Gemiddeld) kg
23 030	18 330

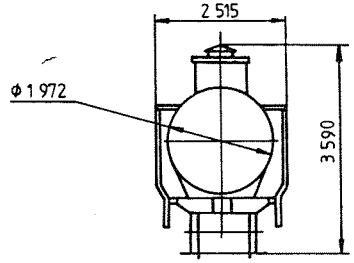
Contents / Inhoud	Capacity / Inhoudsvermoë L	Mass / Massa kg
CAUSTIC SODA: DIAPHRAGM CELL GRADE BYTSODA: DIAFRAGMASELGRAAD	23 030	41 000 MAX. MAKS

XZA-8

Drawgear Equipment - Trekwerkuit
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller





Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
48 - 300 004 / 48 - 300 217	1959 - 61

Converted from / Omskep van	Date / Datum
XZA - 1 (ex. X - 21)	1987 -

Remarks / Opmerkings: DOME TO DRG. No. CME 3249/12-000 / HELM VOLGENS TEK.
DISCHARGE TO DRG. No. CME 68/075016 - C92 / UITLAAT VOLGENS TEK.

For actual loads, capacities and ullages see drawing number / Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

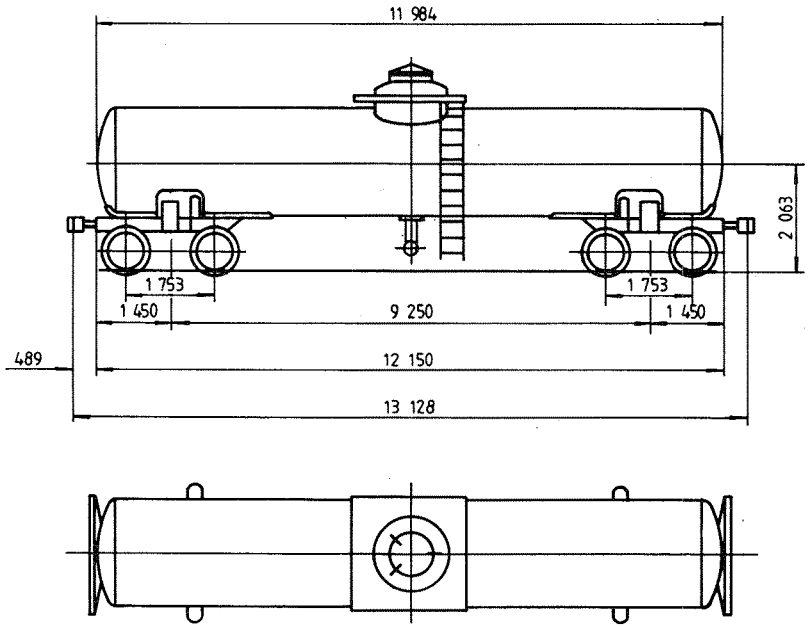
Drawing Number / Tekeningnommer	CME 115/12 - A21
Bogie Type / Draaisteltipe	SARCAST
Bearing Size / Laergrootte	11 × 5 1/2
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	6/6
Brake System / Remstelsel	V/R
Brake Cylinders / Remsilinders	(V) 2/15 (L)
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65 (50) (L)
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 74,3 / 22,2 (L)
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E
Coupler / Yoke / Koppelaar / Juk	SE/E

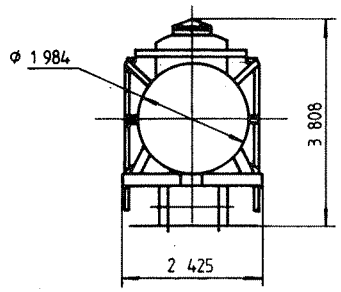
Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 051
Tank Material / Tenkmateriaal	SPEC. CME 9, SYM. 8 / SPES. SIM.
Tank Lining / Tenkvoering	
Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	
Originally designed for / Oorspronklik ontwerp vir	WATER TREACLE OIL / STROOP OLIE
Converted for / Omskep vir	CAUSTIC SODA: D.C. / BYTSODA: D.S.
Revision / Hersiening	
Date / Datum	

Capacity (full) / Inhoudsvermoë (vol) l	30 880	Tare (Average) / Tarra (Gemiddeld) kg	19 730
Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
CAUSTIC SODA: DIAPHRAGM CELL GRADE / BYTSODA: DIAFRAGMASELGRAAD		30 410	46 380

XZAJ - 1

149





Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device
Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device
Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
A Dual Power-Automatic
Tweekrag-Outomaties
Slack Adjuster
R Remversteller
V Vacuum
Vakuum
L Air
Lug
D Dual Power-Manually operated
Tweekrag - Handbediening

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
48 - 014 273 / 48 - 015 083	1981

Converted from / Omskep van	Date / Datum

Remarks
Opmerkings

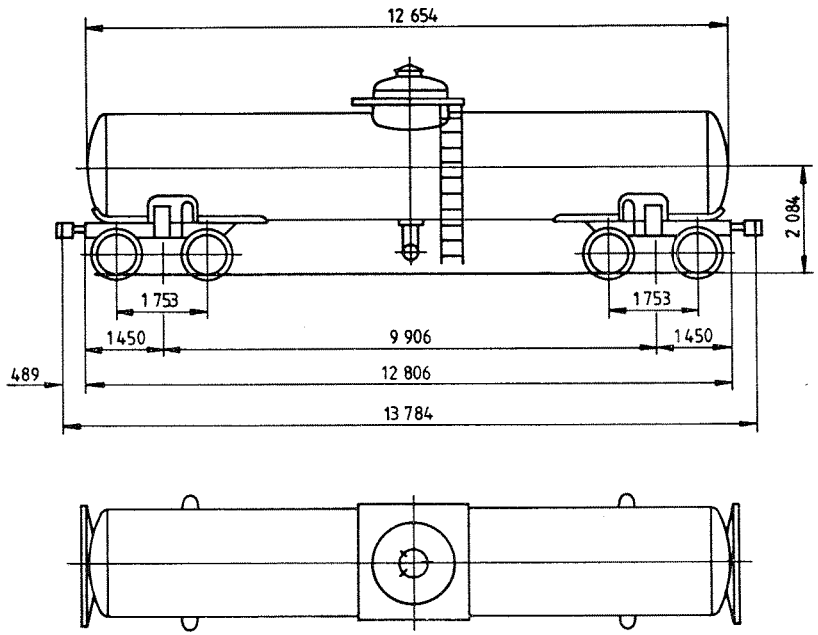
For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsitruimtes kyk tekening nommer CME 240/12 - A99

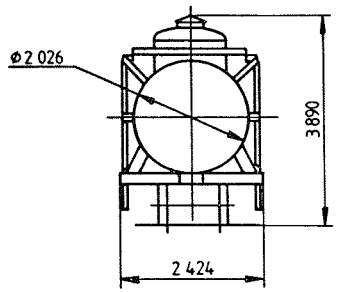
Drawing Number / Tekeningnommer	W. 001 / D 058		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 163	Capacity (full) / Inhoudsvermoë (vol) l	36 250	Tare (Average) / Tarra (Gemiddeld) kg	21 340
Bogie Type / Draaisteltipe	H.S. MK VII				Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
Bearing Size / Laergrootte	D				CAUSTIC SODA BYTSODA		36 250	52 660 MAX / MAKS
Springs per Bogie Outer / Inner / Vere per Draaistel Buite / Binne	10 / 10		Tank Material / Tenkmateriaal	SPEC CME 9, SYM 8 / SPES SIM				
Brake System / Remstelsel	V / R		Tank Lining / Tenkvoering	MUNKADUR EPOXY / EPOKSI				
Brake Cylinders / Remsilinders	(V) 2/18	(L)	Design Limit - Mass on Rail kg / Ontwerplimiet - Massa op Spoor	80 000				
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	CAUSTIC SODA BYTSODA				
Brake Percentage Empty / Loaded / Rempersentasie Leeg / Met Vrag	(V) 80, 9 /23,3	(L)	Converted for / Omskep vir					
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening					
Coupler / Yoke / Koppelaar / Juk	SE / E		Date / Datum					

XZJ - 6

Drawgear Equipment - Trekwerkuitrusting
KK Coupler hydraulic cushioning device / Koppelaar hidrouliese kussinginrigting
SSC Centre sill hydraulic cushioning device / Middelbalk hidrouliese kussinginrigting

Brake System - Remstelsel
V Vacuum / Vakuum
L Air / Lug
D Dual Power - Manually operated / Tweekrag - Handbediening
A Dual Power - Automatic / Tweekrag - Outomaties
R Slack Adjuster / Remversteller





Remarks
Opmerkings

For actual loads, capacities and ullages see drawing number
Vir werklike vragte, inhoudsvermoëns en uitsituimtes kyk tekening nommer CME 240/12 - A99

Vehicle Numbers / Voertuignommers	Placed in Service / In Gebruik Geneem
48 - 015 091 / 48 - 015 369	1987

Converted from / Omskep van	Date / Datum

Drawing Number / Tekeningnommer	W. 001 / D091		Centre of Gravity (Empty) / Swaartepunt (Leeg)	1 249	Capacity (full) / Inhoudsvermoë (vol) l	39 950	Tare (Average) / Tarra (Gemiddeld) kg	22 580
Bogie Type / Draaisteltipe	H.S. MK VII				Contents / Inhoud		Capacity / Inhoudsvermoë l	Mass / Massa kg
Bearing Size / Laergrootte	D				CAUSTIC SODA-MERCURY CELL GRADE / BYTSODA - KWIKSELGRAAD		39 950	57 420 MAX / MAKS
Springs per Bogie / Vere per Draaistel — Outer / Buite / Inner / Binne	10 / 10		Tank Material / Tenkmateriaal	SPEC. CME 9, SYM. 8 / SPES. SIM.				
Brake System / Remstelsel	V/R		Tank Lining / Tenkvoering	MUNKADUR EPOXY / EPOKSI				
Brake Cylinders / Remsilinders	(V) 2/21	(L)	Design Limit - Mass on Rail / Ontwerplimiet - Massa op Spoor kg	80 000				
Train Pipe / Treinpyp / Brake Pipe / Rempyp	(V) 65	(L)	Originally designed for / Oorspronklik ontwerp vir	CAUSTIC SODA - M.C. GRADE / BYTSODA - KWIKSELGRAAD				
Brake Percentage / Rempersentasie — Empty / Loaded / Leeg / Met Vrag	(V) 78,7 / 22,2	(L)	Converted for / Omskep vir					
Drawgear Equipment / Trekwerkuitrusting	AAR M901 E		Revision / Hersiening					
Coupler / Yoke / Koppelaar / Juk	S		Date / Datum					

XZJ-7